Attachment A

Draft Notice of Activity and Use Limitation (AUL)

DRAFT

Revision: 1
Last Revised: 5-02-05

Form 1075

NOTICE OF ACTIVITY AND USE LIMITATION
M.G.L. c. 21E, § 6 and 310 CMR 40.0000

Disposal Site Name: McCoy Field/Keith Middle School
DEP Release Tracking No.(s): 4-0015824, 4-0015685

This Notice of Activity and Use Limitation ("Notice") is made as of this _____ day of _____, 20___, by the City of New Bedford, 133 William Street, New Bedford, Bristol County, Massachusetts, together with his/her/its/their successors and assigns (collectively "Owner").

W I T N E S S E T H:

WHEREAS, the City of New Bedford, is the owner(s) in fee simple of those certain parcel of land located at 70 Hathaway Boulevard in New Bedford, Bristol County, Massachusetts with the buildings and improvements thereon, pursuant to a deed recorded with the Bristol County Registry of Deeds in Book 849, Page 329 and Book 885, Page 401;

WHEREAS, said parcels of land, which is more particularly bounded and described in Exhibit A, attached hereto and made a part hereof ("Property") is subject to this Notice of Activity and Use Limitation. The Property is shown on a plan recorded in the Bristol County Registry of Deeds in Plan Book _____, Plan _____;

WHEREAS, a portion of the Property ("Portion of the Property") is subject to this Notice of Activity and Use Limitation. The Portion of the Property is more particularly bounded and described in Exhibit A-1, attached hereto and made a part hereof. The Portion of the Property is shown on a plan recorded with the _____ County Registry of Deeds in Plan Book _____, Plan_____, and/or on a sketch plan attached hereto and filed herewith for registration;

WHEREAS, the Portion of the Property comprises part of a disposal site as the result of a release of oil and/or hazardous material. Exhibit B is a sketch plan showing the relationship of the Portion of the Property subject to this Notice of Activity and Use Limitation to the boundaries of said disposal site existing within the limits of the Property and to the extent such boundaries have been established. Exhibit B is attached hereto and made a part hereof; and

WHEREAS, one or more response actions have been selected for the Portion of the Disposal Site in accordance with M.G.L. c. 21E ("Chapter 21E") and the Massachusetts Contingency Plan, 310 CMR 40.0000 ("MCP"). Said response actions are based upon (a) the restriction of human access to and contact with oil and/or hazardous material in soil and/or (b) the restriction of certain activities occurring in, on, through, over or under the Portion of the Property. The basis for such restrictions is set forth in an Activity and Use Limitation Opinion ("AUL Opinion"), dated _____, (which is attached hereto as Exhibit C and made a part hereof);

NOW, THEREFORE, notice is hereby given that the activity and use limitations set forth in said AUL Opinion are as follows:

1. Activities and Uses Consistent with the AUL Opinion. The AUL Opinion provides that a condition of No Significant Risk to health, safety, public welfare or the environment exists for any foreseeable period of time (pursuant to 310 CMR 40.0000) so long as any of the following activities and uses occur on the Portion of the Property:

(i) Use of the Property for a school, including the presence of all existing school buildings and facilities and associated landscaping, parking lots, and sidewalks;

(ii) Occupancy by students, teachers, staff, and visitors for all normally anticipated school-related activities including classroom education, physical education, daily food service; and use of paved areas for parking lots and sidewalks;

(iii) Normally anticipated ancillary school building and Property uses such as public meetings, assemblies, fund raising events, cultural activities, and adult education;

(iv) Maintenance of landscaped areas and lawns, including filling of burrowing animal holes and placement and removal of mulch or other surficial aesthetic enhancement or erosion control materials;

(v) Planting or removal within the landscaped areas of ornamental vegetation such as trees, shrubs, flowers, groundcover, etc. Such ornamental vegetation shall be selected from those species that are known to have shallow root systems that would not be expected under normal conditions to cause roots to penetrate the geotextile fabric barrier located at 3 feet below grade in the landscaped areas. No excavation for planting or removal of vegetation in the landscaped areas shall extend beyond two feet below existing grade;

(vi) Interior or exterior building maintenance that does not impact soil;

(vii) Maintenance, including replacement, of exterior surface materials such as asphalt paving, concrete paving, or sidewalks, such that removal of such surfaces is limited to the material to be replaced and the underlying soil is not significantly disturbed (six inches deep or less below bottom of surface being removed) and where the surface material is immediately repaired or replaced with a comparable barrier;

(viii) Installation of fencing where fence posts are installed in post holes of two feet deep or less;

(xi) Extending concrete or asphalt pavement over current landscaped areas;

(x) Erection or placement of temporary structures or tents that do not require soil excavation. Where stakes are required to stabilize a tent, such stakes shall not be driven more than two feet into the ground;

(xi) Excavation for short-term maintenance or repair of existing subsurface utilities where such excavation is confined to the corridor of clean backfill that has been demarcated by geotextile fabric/orange warning polyethylene sheeting;

(xii) Any other public, commercial, or industrial activities and uses that do not cause and/or result in the direct

contact with, disturbance of, and/or relocation of the contaminated soil, the top of which is currently located at depths of two to four feet below current surface grade;

(xiii) Such other activities or uses which, in the Opinion of an LSP, shall present no greater risk of harm to health, safety, public welfare or the environment than the activities and uses set forth in this Paragraph; and

(xiv) Such other activities and uses not identified in Paragraph 2 as being Activities and Uses Inconsistent with the AUL.

2. Activities and Uses Inconsistent with the AUL Opinion. Activities and uses which are inconsistent with the objectives of this Notice of Activity and Use Limitation, and which, if implemented at the Portion of the Property, may result in a significant risk of harm to health, safety, public welfare or the environment or in a substantial hazard, are as follows:

(i) Excavation to a depth greater than three feet in landscaped areas without prior development of a Soil Management Plan and a Health and Safety Plan prepared and implemented in accordance with Obligations (iv) and (v) of this Notice;

(ii) Excavation to a depth greater than two feet beneath paved areas without prior development of a Soil Management Plan and a Health and Safety Plan prepared and implemented in accordance with Obligations (iv) and (v) of this Notice;

(iii) Removal of building floor slab such that soil is exposed or groundwater is allowed to enter building without prior development of a Soil Management Plan and a Health and Safety Plan prepared and implemented in accordance with Obligations (iv) and (v) of this Notice;

(iv) Penetration or breaching of the vapor barrier beneath the building floor without prior development of a Soil Management Plan and a Health and Safety Plan prepared and implemented in accordance with Obligations (iv) and (v) of this Notice;

(v) Any excavation beneath building floors without prior development of a Soil Management Plan and a Health and Safety Plan prepared and implemented in accordance with Obligations (iv) and (v) of this Notice;

(vi) Activities that result, or could result, in compromising the structural integrity of concrete floors, asphalt pavement, or concrete pavement;

(vii) Activities that result, or could result, in the erosion of soil in any unpaved area,

(viii) Removal of any soil from landscaped areas without immediate replacement with clean soil to current surface grade;

(ix) Planting of food crops in site soil for human or animal consumption does not include enclosed planters filled with off-site soil;

(x) Any other public, commercial, or industrial activities or uses that result in the direct contact with, disturbance of, and/or relocation of the contaminated soil, the top of which is currently located at depths of two to four feet below current surface grade; and

(xi) Any other activities or uses that cause or have the potential to cause exposure to contaminated soil beneath the building foundation(s), or beneath clean soil and/or paving in the exterior of the building(s).

3. Obligations and Conditions Set Forth in the AUL Opinion. If applicable, obligations and/or conditions to be undertaken and/or maintained at the Portion of the Property to maintain a condition of No Significant Risk as set forth in the AUL Opinion shall include the following:

(i) Maintain all asphalt pavement, concrete pavement, and sidewalks such that the integrity of each is not compromised;

(ii) Maintain all interior building floors such that the integrity of each is not compromised;

(iii) Perform semi-annual inspections and associated record keeping activities to confirm that the pavement is being properly maintained to prevent exposure;

(iv) Maintain all landscaped areas such that soil erosion is prevented;

(v) A Soil Management Plan must be prepared by an LSP and implemented prior to the commencement of any activity which is likely to disturb contaminated soil the top of which is located at two to four feet below surface grade within the AUL area. The Soil Management Plan should describe appropriate soil excavation, handling, storage, transport, and disposal procedures and include a description of the engineering controls and air monitoring procedures necessary to ensure that workers and receptors in the vicinity are not affected by fugitive dust or particles. On-Site workers must be informed of the requirements of the soil management plan, and the Plan must be available on-site throughout the course of the project;

(vi) A Health and Safety Plan must be prepared by a certified Industrial Hygienist or other qualified individual sufficiently trained in worker health and safety requirements and implemented prior to the commencement of any activity which is likely to disturb contaminated soil the top of which is located at two to four feet below surface grade within the AUL area. The Health and Safety Plan should specify the type of personal protection (i.e., clothing, respirators), engineering controls, and environmental monitoring necessary to prevent worker exposures to contaminated soil through dermal contact, ingestion, and/or inhalation. Workers must be informed of the requirements of the Health and Safety Plan, and the plan must be available on-site throughout the course of the project; and

(vii) The contaminated soil the top of which is located at two to four feet below surface grade within the AUL area must remain at depth and may not be relocated, unless such activity is first appropriately evaluated by an LSP who renders an Opinion that states that such relocation is consistent with maintaining a condition of No Significant Risk.

4. Proposed Changes in Activities and Uses. Any proposed changes in activities and uses at the Portion of the

Property which may result in higher levels of exposure to oil and/or hazardous material than currently exist shall be evaluated by an LSP who shall render an Opinion, in accordance with 310 CMR 40.1080 *et seq*., as to whether the proposed changes will present a significant risk of harm to health, safety, public welfare or the environment. Any and all requirements set forth in the Opinion to meet the objective of this Notice shall be satisfied before any such activity or use is commenced.

5. Violation of a Response Action Outcome. The activities, uses and/or exposures upon which this Notice is based shall not change at any time to cause a significant risk of harm to health, safety, public welfare, or the environment or to create substantial hazards due to exposure to oil and/or hazardous material without the prior evaluation by an LSP in accordance with 310 CMR 40.1080 *et seq*., and without additional response actions, if necessary, to achieve or maintain a condition of No Significant Risk or to eliminate substantial hazards.

If the activities, uses, and/or exposures upon which this Notice is based change without the prior evaluation and additional response actions determined to be necessary by an LSP in accordance with 310 CMR 40.1080 *et seq*., the owner or operator of the Portion of the Property subject to this Notice at the time that the activities, uses and/or exposures change, shall comply with the requirements set forth in 310 CMR 40.0020.

6. Incorporation Into Deeds, Mortgages, Leases, and Instruments of Transfer. This Notice shall be incorporated either in full or by reference into all future deeds, easements, mortgages, leases, licenses, occupancy agreements or any other instrument of transfer, whereby an interest in and/or a right to use the Property or a portion thereof is conveyed.

Owner hereby authorizes and consents to the filing and recordation and/or registration of this Notice, said Notice to become effective when executed under seal by the undersigned LSP, and recorded and/or registered with the appropriate Registry(ies) of Deeds and/or Land Registration Office(s).

DRAFT

Revision: 1
Last Revised: 5-02-05

WITNESS the execution hereof under seal this _____ day of _____, 20____.

_____
, for the City of New Bedford

COMMONWEALTH OF MASSACHUSETTS

_____, ss _____, 20___

Then personally appeared the above-named _____ and acknowledged the foregoing instrument to be [his][her] free act and deed before me,

Notary Public:
My Commission Expires:

The undersigned LSP hereby certifies that he executed the aforesaid Activity and Use Limitation Opinion attached hereto as Exhibit C and made a part hereof and that in his Opinion this Notice of Activity and Use Limitation is consistent with the terms set forth in said Activity and Use Limitation Opinion.

Date:_____

_____
[Name of LSP]

[LSP SEAL]

COMMONWEALTH OF MASSACHUSETTS

_____, ss _____, 20__

Then personally appeared the above named _____ and acknowledged the foregoing instrument to be [his][her] free act and deed before me,

Notary Public:
My Commission Expires:

[If recorded land] Upon recording, return to:
Mr. Scott Alfonse
Brownfields Coordinator
City of New Bedford
133 William Street
New Bedford, MA 02740

Attachment B

Specification 02200
Earthwork

SECTION 02200

EARTHWORK

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Bidding requirements, Contract Forms, General and Supplementary Conditions and Division I, General Requirements are hereby made a part of this Section. The Order of Conditions, DEP File No. SE 49-461, No. SE49-475 and all Amendments issued by the New Bedford Conservation Commission, is included in this contract in Section 00200 – Information Available to Bidders.

1.02 DESCRIPTION OF WORK

A. ***This project represents the final Phase of a three-phase project. Phase 1 consisted of the excavation and management of regulated soils for the installation of a portion of the project's subsurface utility system. Phase two completed the installation of the subsurface utility system, capping of the regulated soils and the shaping of the subgrades for the Phase III contract as shown on the Plans and specifications.*** The scope of work consists of all materials, equipment, labor and services required for all Earthwork work, including all items incidental thereto, as specified herein and as shown on the Drawings. The following work shall be included:

1. Surplus material shall be removed from the site. No burning on the site shall be permitted.

2. Excavating, filling, trenching and backfilling of all description required for the construction of walls, building structures, utility structures, utilities, pavements, seeded areas and site improvements. Provide all additional fill materials as required and specified herein. Refer to Sections on Heating, Plumbing, Electrical and Structural for other excavation.

3. Pumping and/or bailing necessary to maintain excavated spaces free from water from any source whatsoever.

4. Provide graded materials, as specified, for fills, base courses and backfills as required.

5. Protect all existing utilities, roads, pavements, lawns, planting and other improvements from damage due to construction. Install fencing and safety devices or controls as necessary.

6. Dust control and clean up.

B. The project site is part of a disposal site under the Massachusetts Contingency Plan (MCP) that has received "Special Project" designation by the Department of Environmental Protection. Under recent environmental contracts, near-surface contaminated soil has been removed in the vicinity of the Work, to significantly reduce the potential for exposure of workers to contaminated soil. However, in the event that excavation becomes necessary that could result in worker exposure to "suspect" contaminated subsurface soil, or off-site management of same, the CONTRACTOR must notify the ARCHITECT prior to proceeding with any subsurface excavations.

1.03 RELATED WORK SPECIFIED ELSEWHERE

A. Carefully examine all of the Contract Documents for requirements which effect the work of this section.

B. Other specifications sections, which directly relate to the work of this section include, but are not limited to, the following:

1. Section 00200 – Information Available To Bidders
2. Section 02100 - Site Preparation
3. Section 02500 - Paving and Surfacing
4. Section 02665 - Water System
5. Section 02800 - Site Improvements
6. Section 02810 - Irrigation
7. Section 02900 - Lawns and Planting
8. Section 03300 – Cast-In-Place Concrete
9. Section 15300 – Plumbing
10. Section 15400 – Fire Protection
11. Section 16000 - Electrical

1.04 REFERENCE STANDARDS

A. Definitions and Reference Standards:

1. ASTM: Specifications of the American Society for Testing and Materials.

2. AASHTO: American Association of State Highway and Transportation Officials.

3. ACI: American Concrete Institute.

4. Building Code: Commonwealth of Massachusetts State Building Code, latest edition.

5. EPA: Environmental protection Agency.

6. DEP: Department of Environmental Protection.

7. SSHB: Standard Specifications for Highways and Bridges, the Commonwealth of Massachusetts, Mass. Highway Department, latest edition.

1.05 BENCHMARKS AND ENGINEERING

A. Lines and grade work in accordance with Drawings and Specifications shall be laid out by a registered Civil Engineer or Surveyor employed by the Contractor. The Contractor shall establish permanent benchmarks, to which access can easily be had during the progress of the work. The Contractor shall maintain all established bounds and benchmarks and replace, as directed, any that may be disturbed or destroyed. The selection of the registered Civil Engineer or Surveyor shall be subject to the Architect's approval. The General Contractor shall pay all costs of the services of the Civil Engineer or Surveyor.

B. The Contractor shall verify dimensions and elevations on the ground and report any discrepancies immediately to the Architect. Any discrepancies not reported prior to construction shall not be the basis for claims for extra compensation.

C. An As-Built Plan of work completed in the Phase I and II contracts shall be provided to the Contractor in .DWG format.

1.06 SUBSURFACE INFORMATION

A. The Architect shall issue As-Built Drawings indicating the extent of regulated soils that have been removed covered with a geotextile soil separator, warning barrier and brought up to Phase III subgrades with compacted, clean granular fill.

B. The Owner assumes no responsibility for the Contractor's failure to make his own site investigation regarding the character of the soil or subsurface conditions, which may be encountered during the performance of the work. (See Section 00200 – Information Available To Bidders.)

1.07 FINISHED GRADES

A. The words "finished grades" as used herein mean the required final grade elevations indicated on the Drawings. Where not otherwise indicated, areas outside of buildings shall be given uniform slopes between points, for which finished grades are shown, or between such points and existing grade except that vertical curves or roundings shall be provided at abrupt changes in slope.

1.08 GRADES AND ELEVATIONS

A. The Drawings indicate, in general, the alignment and finished grade elevations and sewer, drain, water and underground electric invert grades. The Architect, however, may make such adjustments in grades and alignment as are found necessary in order to avoid interference and to adapt the piping to other special conditions encountered.

1.09 PROTECTION

A. All rules and regulations governing the respective utilities shall be observed in executing all work under this Section. All work shall be executed in such a manner as to prevent any damage to existing buildings, clean corridors, streets, curbs, paving, service utility lines, structures and adjoining property. Monuments and benchmarks shall be carefully maintained and, if disturbed or destroyed, replaced as directed.

B. The Contractor shall furnish all facilities and materials necessary to prevent the earth at the bottom of excavation from becoming frozen or unsuitable to receive footings, foundations or other load bearing units.

C. The Contractor, under this Section, shall provide at his own expense adequate pumping and drainage facades to keep the excavation sufficiently dry as not to affect adversely the quality or time of placement of concrete or other materials to be installed in the excavated areas.

D. The Contractor shall assume full responsibility for damages caused by him or his Subcontractor's equipment and personnel to the existing geotextile soil separator and warning barrier, buildings and grounds as well as adjoining private property.

E. The work of this Section shall be performed in such a manner as to cause no interference with access by the Subcontractors or other Contractors to all portions of the site as is necessary for the normal conduct of their work.

PART 2 - PRODUCTS

A. Crushed Stone:

1. Crushed stone to be placed under and around sewer and storm drain pipes as shown on the Drawings and as specified shall be washed graded free of organic materials three-quarter (3/4) inch to one-half (1/2)-inch size. Gradation shall conform to SSHB., Section M2.01.3 as follows:

U.S. Standard Sieve Size	Percent by Weight Passing	
	Minimum	Maximum
1- inch		100%
3/4 inches	90%	100%
1/2 inch	10%	50%

3/8 inch	0%	20%
#4	0%	5%

2. Crushed stone drive aprons as shown on the Drawings and as specified shall be washed graded free of organic materials two (2) inches to one-half (1/2)-inch size. Gradation shall conform to SSHB., Section M2.01.1 as follows:

U.S. Standard Sieve Size	Percent by Weight Passing Minimum	Maximum
2 inch	100%	-
1-1/2 inches	95%	50%
1 inch	35%	70%
3/4 inch	0%	25%

B. Select Granular Fill: Gravel base as called for on the Drawings, for foundations, bases and miscellaneous site improvements, as specified shall consist of a well graded sand and gravel, free from deleterious matter, loam and clay, meeting the following gradation requirements.

U.S. Standard Sieve Size	Percent by Weight Passing Minimum	Maximum
8 inches	100%	
3 inches	70%	100%
1/2 inches	40%	90%
No. 4	25%	80%
No. 10	15%	70%
No. 40	5%	40%
No. 200	0%	12%

C. Clean Granular Fill: Fill up to subgrade in landscaped areas, shall consist of a well-graded sand and gravel borrow, free from deleterious matter, loam and clay meeting the following gradation requirements.

U.S. Standard Sieve Size	Percent by Weight Passing Minimum	Maximum
8 inches	100%	
3 inches	70%	100%
1/2 inches	40%	100%
No. 4	25%	100%
No. 10	15%	95%
N0. 40	10%	70%
No. 200	0%	15%

D. Bedding Sand: Bedding sand for concrete unit pavers shall be clean, washed natural or manufactured concrete sand meeting the following gradation requirements.

U.S. Standard Sieve Size	Percent by Weight Passing Minimum	Maximum
3/8 inches	100%	
No. 4	95%	100%
No. 8	85%	100%
N0. 16	50%	85%
No. 30	25%	60%
N0. 50	10%	30%
No. 100	2%	10%

E. Joint Sand: Joint sand for concrete unit pavers shall be clean, washed natural or manufactured concrete sand meeting the following gradation requirements.

U.S. Standard Sieve Size	Percent by Weight Passing Minimum	Maximum
No. 4	100%	%
No. 8	95%	100%
N0. 16	70%	100%
No. 30	40%	75%
N0. 50	10%	35%
No. 100	2%	15%
No. 200	0%	10%

F. Material falling within the above Specifications, encountered during the excavation, shall be stored in segregated stockpiles for reuse. All material shall be tested and subject to approval by the Architect.

G. Sand: Sand for water and gas line pipe bedding shall be, clean masons sand.

PART 3 – EXECUTION

3.01 EXCAVATION

A. General:

1. Excavate all materials to the elevations, dimensions and form as shown on the Drawings and as specified for the construction of building structures, utility structures, utilities, site improvements and other structures necessary for the completion of the building, utilities and site work. All unsuitable materials within the indicated and specified limits shall be excavated and removed. Any quantities involving an extra or other adjustment of the Contract Price shall be subject to measurement verification and approval by the Architect prior to the excavation and removal of such materials. Unsuitable materials shall include the following:

   a. Regulated soils
   b. Pavements, utility structures, building foundations and other man made structures.
   c. Peat, organic silt and other organic materials subject to decomposition, consolidation or decay.
   d. Miscellaneous fill including sand, gravel, cinders, ash, glass, wood, metal and ledge.
   e. Ledge or boulders except as specified for fills herein.

2. **The Architect will provide the Contractor with an as-built drawing showing the extent of regulated soil remediation, location and inverts of all utilities pile locations and elevations installed in the Phase 1 & 2 Contracts.** The Contractor shall obtain, from the proper authorities, locations of all other utilities within the scope of this work so that there will be no damage done to such utilities. Neither the Owner nor the Architect will be responsible for any such damage, and the Contractor shall restore any structure or utility so damaged without additional compensation. Written notifications to the appropriate utility agencies shall be made at least ten (10) days prior to the commencement of any work.

3. Excess Material: Suitable excavated material, which is required for fill, and backfill shall be separately stockpiled as directed by the Architect. All surplus fill other than that required to complete the intent of the Contract shall become the property of the Contractor and shall be disposed of off the property by the General Contractor. All excavated materials, which, in the

opinion of the Architect, are not suitable for, fill or backfill shall be removed and disposed of off the property.

4. Any unsanitary conditions encountered, such as broken sewer mains or uncovered garbage, shall be corrected or removed entirely as directed by the Architect.

B. Excavation for Building Structures:

1. Refer to Structural and Mechanical Drawings and notes thereon which may affect work under this Section.

2. Excavation shall be performed to elevations and dimensions indicated or specified, plus sufficient space to permit erection of forms and shoring, drains, masonry and the inspection of foundations.

3. Bottoms of excavations shall be protected from frost. Foundations, footings or slabs shall not be placed on frozen ground. The Contractor shall shore and brace excavations, protect all slopes and earth banks and provide sheet piling necessary to prevent cave-ins. Shoring and piling shall be removed before backfiliing is completed but not unto permanent supports are in place. Excavation of earth and/or rock beyond indicated or authorized limits shall be refilled with select granular fill compacted to ninety-five (95) percent of the maximum dry density at optimum moisture content as specified herein or concrete as required by the Architect at no additional cost to the Owner.

4. The Contractor shall control the grading around the building so that the ground shall be pitched in order to prevent water from running into the excavated areas of the building or prevent damage to other structures. The Contractor shall furnish all pumping required to keep excavated areas clear of water during construction. Water shall not be conducted onto adjacent property.

5. Excavate to subgrade for concrete slabs, including utility trenches, and footings. Compact subgrade to ninety-five (95) percent of maximum dry density as determined by the Modified Proctor Compaction Test.

6. Make final excavations by hand or using smooth-bladed equipment to avoid disturbance and the formation of ridges, which would be left by a bucket with teeth.

7. Repair or replace geotextile soil separator and warning barrier as required.

8. Prevent water accumulation on bearing surfaces, to reduce the possibility of softening of the subgrade soils.

9. The subgrade soils must be examined in the field by the Architect.

10. The bearing surface should be cleared of all loose and disturbed soil before any footings are placed. Prior to placing forms or reinforcing steel, the cleared area beneath the footings should be compacted with at least four coverage's of a vibratory plate compactor weighing at least 200 pounds imparting at least 5,000 pounds dynamic force.

C. Fill for Site Improvements:

1. Fill to the lines and grades shown on the Drawings and as specified to obtain the subgrades for the following items of work:

   a. Concrete slabs on grade - to twelve (12) inches below underside of slab.
   b. Bituminous concrete road and parking pavement - to twenty-four (24) inches below finished grades.
   c. Concrete paving - to twelve (12) inches below underside of paving.

d. Granite curb - to six (6) inches below and parallel to the underside of curb.
e. Seeded areas - to eighteen (18) inches below finished grade.
f. Shrub bed areas - to twenty-four (24) inches below finished grades.
g. Unspecified improvements - to bottom elevation of item plus ample working space on all sides.

D. Excavation for Utilities and Utility Structures:

1. Excavate to the lines and grades shown on the Drawings and as specified herein to obtain the subgrade for the following items of work:

a. Utility structures - to grades shown on the Drawings. Remove by excavating all unsuitable materials from under drainage structures and backfill with clean granular fill compacted in place to subgrades.
b. Excavation for structures and other accessories shall have twelve (12) inch minimum and twenty-four (24) inch maximum clearance on all sides.
c. All utility lines - to twelve (12) inches below bottom of utility lines or structures.
d. Trench for water pipe shall provide a minimum of five (5) feet of cover above top of pipe.
e. Unless otherwise shown, provide separate trenches for each utility. Lay all piping in open trenches except where tunneling is required. Excavation for structures and other accessories shall have twelve (12) inch minimum and twenty-four (24) inch maximum clearance on all sides.
f. Grade the bottom of trenches evenly to have a constant pitch in the direction of flow and to insure a uniform compacted thickness of selected material as called for.

2. Existing services and utilities encountered shall be immediately repaired, protected and maintained in use until relocation of same has been completed or be cut and capped where directed or be prepared for connections when so required.

3.03 PROTECTION SHORING AND DEWATERING

A. Protect open excavations with fencing, warning lights and other suitable safeguards.

B. Shore and brace excavations as required so as to maintain them secure and provide sheet piling to prevent cave-ins. Under Phases 1&2 Regulated soils for have been mitigated by removing the regulated soils and replacing them with clean granular fill so as to provide clean corridors for all below grade improvements. Remove shoring and piling before backfilling is completed and as specified herein.

C. Frost Protection: Make no excavations to the full depth indicated when freezing temperature may be expected unless the footing or slabs can be poured immediately after the excavation has been completed. Protect the bottoms as excavated from frost, if placing of concrete is delayed, with straw, tarpaulins or temporary heat until footings or slabs are poured and backfill is placed.

D. Provide all pumps and pumping facilities, including a well point system as necessary with attendants, to keep all excavations free from water from whatever source at all times, when work is in progress or when necessary for protection and integrity of the work in place. Trenches shall be kept water-free during jointing and for sufficient time thereafter to allow the jointing material to become fully set and completely resistant to water penetration.

E. Maintain ground water in the bearing soil strata at a safe level at all times by methods, which prevent loss of fines or other disturbances to these strata. If the methods employed have not been adequate and the bearing value of the soil has been reduced, remove disturbed soil as directed and replace with compacted graded gravel or concrete at no expense to the Owner.

F. Any ditching required to keep the site free from water during construction is the responsibility of the Contractor and will be repaired, topsoiled and seeded before completion of work.

3.04 FILLS. BACKFILLS AND COMPACTION

A. Samples and Testing:

1. All fill material and its placement shall be subject to quality control testing. A qualified laboratory will be selected by the Owner to perform tests on materials. All costs of testing will be paid for by the Owner. Test results and laboratory recommendations shall be available to the Architect.

2. Provide samples of each fill material from the proposed source of supply including on-site sources. Allow sufficient time for testing and evaluation of results before material is needed. Submit samples from alternate source if required.

3. Architect will be sole and final judge of suitability of all material.

4. The laboratory will determine maximum dry density and optimum water content in accordance with ASTM D1557, Method D and the in-place density in accordance with ASTM D1556.

5. Tests of material as delivered may be made from time to time. Materials in question may not be used, pending test results. Tests of compacted materials will be made regularly. Remove rejected materials and replace with new, whether in stockpiles or in place.

6. Cooperate with laboratory in obtaining field samples of in-place materials after compaction. Furnish incidental field labor in connection with these tests.

B. Placing Fills and Compacting

1. Fill material shall be placed in horizontal layers not exceeding six (6) inches under the building and all pavements and nine (9) inch layers in lawn areas. Each layer shall be compacted to the percentage of maximum dry density specified for the particular type of fill and at a water content equal to optimum water content plus or minus two (2) percent. The maximum dry density and optimum water content shall be as specified herein.

2. Areas to be filled or backfilled shall be free of construction debris, refuse, compressible or decayable materials and standing water. Do not place fill when fill materials or layers below it are frozen. Proofroll excavated ground surfaces under the proposed building and paved areas using a vibratory drum compactor or other heavy equipment prior to placing specified base course material.

3. Notify the Architect when excavation is ready for inspection. Filling and backfilling shall not be started until conditions have been approved by the Architect.

4. Before backfilling against walls, the permanent structures must be completed and sufficiently aged to attain strength required to resist backfill pressures without damage. Temporary bracing will not be permitted except by written permission from the Architect. When filling on both sides of a wall or pier, place fill simultaneously on each side. Correct any damage to the structure caused by backfilling operations at no cost to the Owner

5. In confined areas adjacent to footings and foundation walls and in utility trenches beneath floor slab, the fill shall be compacted with hand operated vibration tampers. The maximum lift thickness shall be four (4) inches. The degree of compaction attained shall be equivalent to that attained in the adjacent open areas where heavy rolling equipment is used.

6. After the subgrade under concrete slabs and paved areas has been shaped to line, grade and cross-sections, it shall be rolled with an approved power roller weighing not less than six (6) tons until thoroughly compacted. This operation shall include any reshaping, refilling or wetting

required to obtain proper compaction. Any areas, which subsequently settle, shall be refilled to true subgrade and properly compacted.

7. In freezing weather, a layer of fill shall not be left in an uncompacted state at the close of a day's operations. Prior to terminating operations for the day, the final layer of fill, after compaction, shall be rolled with a smooth-wheeled roller to eliminate ridges of soil left by tractors, trucks and compaction equipment.

C. Placing Select Granular Fills

1. Select granular fills, as specified herein above, shall be provided as follows:

   a. As gravel base course under all pavements unless otherwise called for.
   b. As gravel under and/or around footings curbs as shown on the Drawings or specified unless otherwise called for.

2. Place gravel in six (6) inch maximum layers; fill and compact each layer to ninety-five (95) percent maximum dry density.

D. Placing Clean Granular Fills

1. Clean granular fill material as specified shall be placed under pavements and utilities up to subgrades as specified.

2. Fills shall be placed in layers of a maximum six (6) inch compacted thickness up to subgrade. Compaction shall be to ninety-five (95) percent of maximum dry density as specified.

E. Deficiency of Fill Materials:

1. Provide required additional fill materials as specified if a sufficient quantity of suitable materials is not available from the required excavation on the project site at no additional cost to the Owner. Where water content of the fill must be adjusted to meet this Specification, the fill shall be thoroughly disked to insure uniform distribution of any water added.

F. Fill and Backfill for Utilities:

1. Backfill trenches only after pipe has been inspected, tested and locations of pipes and appurtenances have been recorded. Each pipe section shall be laid on a twelve-(12) inch minimum bed of crushed stone as specified herein above. In addition the water line shall be set in a six-(6) inch bed of sand. Bed shall be shaped by means of hand shovels to give full and continuous support to the lower one-third (1/3) of each pipe. Backfill by hand around pipe, and for a depth of twelve (12) inches above pipe, use sand or crushed stone and tamp firmly in layers not exceeding six (6) inches in thickness. Take care not to disturb the pipe. Compact the remainder of the backfill thoroughly with a rammer of suitable weight or with an approved mechanical tamper to achieve compaction of ninety-five (95) percent as specified.

2. Trenches and utility structures shall be backfilled with greatest care; only the suitable materials taken from the excavation shall be used. Any additional fill materials required for backfilling to subgrades shall be graded fill or ordinary fill as specified. Backfill shall be compacted to ninety-five (95) percent as specified. No mud, frozen earth or stone more than six (6) inches in greatest diameter or other objectionable material shall be used for refilling. Any selected material required for filling, in addition to earth from trench excavation, shall be furnished and placed by the Contractor.

3.05 UTILITY SERVICES LINES

A. Electrical, telephone, cable TV and gas services shall be as specified under other Sections. The excavating, trenching and backfilling for these utilities and other pertinent structures shall be done under this Section.

B. Trenches for utility lines shall be excavated of all peat, silt and other materials, which the Architect deems not stable and backfilled as called for in paragraph 3.04, H to form a stable foundation for laying the utility lines.

3.06 SUBGRADE PREPARATION

A. Bring all areas to required subgrade levels as specified and as determined from the Drawings.

B. Maintain all subgrades for site improvements in satisfactory condition, protected against traffic and properly drained, until the surface improvement is placed. In areas to receive pavement or other surface materials, at top and bottom of embankments, along swales and elsewhere, place sufficient grade stakes to facilitate checking the subgrade levels. Correct all irregularities, compacting thoroughly any fill materials.

C. Check all manhole covers, grates, valve boxes and similar structures for correct elevation and position and make, or have made, any necessary adjustments in such structures.

D. All subgrades must be inspected and approved by the Architect before paving, loaming or other site improvements are made.

3.07 WARNING TAPE OVER BURIED GAS. ELECTRIC. CABLE TV. TELEPHONE

A. Provide and install plastic warning tape over all buried gas, electric and water lines as specified.

B. Warning tape shall be installed according to Manufacturer's recommendations and a minimum of twelve (12) inches below finished grades.

3.08 DUST CONTROL

A. The Contractor shall employ all possible methods and/or materials to prevent the spread of dust. Chemical materials may not be used on subgrades of areas to be seeded or planted.

3.09 CLEAN UP

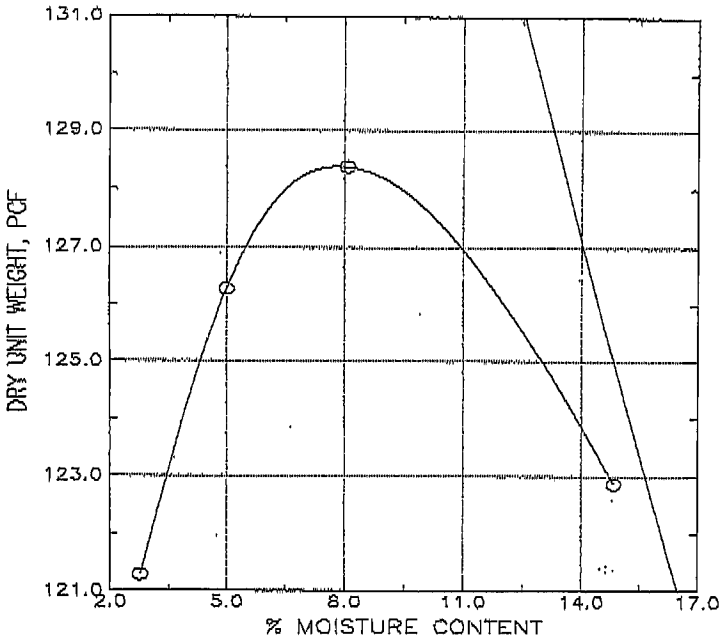
A. The Contractor shall remove all debris, construction equipment and scrap material from all areas within the limit of work prior to inspection for acceptance.

END OF SECTION

MILLER ENGINEERING & TESTING, INC.	Boring No. : N/A Sample No.: L040503 Tested by : DM/BM Filename : L040503	Project: KEITH MIDDLE SCHOOL Project No. : 04.169.NH Location: MIX STOCKPILE # 2 Date : Tue Jun 22 2004

PROCTOR–GRADATION TEST RESULTS

COMPACTION



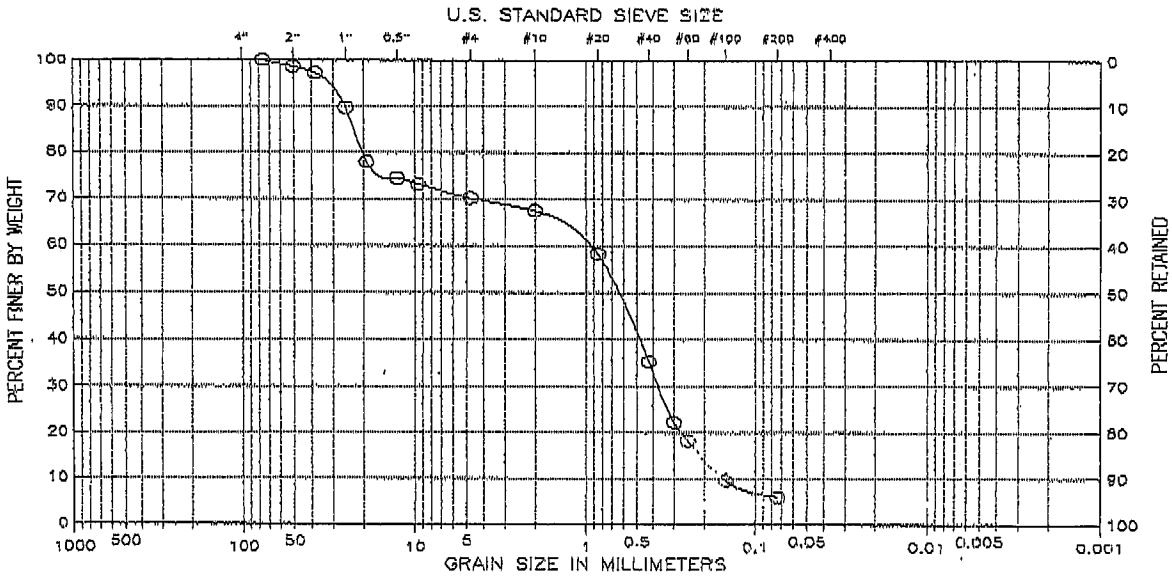
Sample Description :
MIX STOCKPILE # 2

Compaction Test Designation : ASTM D1557–D

Maximum Dry Density : 128.4 PCF

Optimum Moisture Content : 7.9 %

GRAIN SIZE DISTRIBUTION



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

UNIFIED SOIL CLASSIFICATION SYSTEM

Figure 1

CLEAN GRANULAR FILL

Fri Jun 18 10:33:42 2004

GEOTECHNICAL LABORATORY TEST DATA

Project : KEITH MIDDLE SCHOOL
Project No. : 04.169.NH
Boring No. : N/A
Sample No. : L040503
Location : MIX STOCKPILE # 2
Soil Description : MIX STOCKPILE # 2
Remarks : ASAP

Depth : N/A
Test Date : 6-18-04
Test Method : ASTM

Filename : L040503
Elevation : N/A
Tested by : DM/BM
Checked by : BC

COARSE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (lb)	Cumulative Weight Retained (lb)	Percent Finer (%)
6"					100
3"	3.000	76.20	11.10	11.10	100
2"	2.000	50.80	11.80	11.80	99
1.5"	1.500	38.10	11.80	12.50	97
1"	1.000	25.40	14.90	16.30	90
0.75"	0.752	19.10	17.10	22.30	78
0.5"	0.500	12.70	12.60	24.00	75
0.375"	0.375	9.52	11.80	24.70	73
#4	0.187	4.75	12.60	26.20	70

Total Weight of Sample = 61.7
Tare Weight = 11.1

100

50 - 85

40 - 25

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	13.30	13.30	68
#20	0.033	0.85	47.60	60.90	58
#40	0.017	0.43	116.60	177.50	35
#50	0.012	0.30	65.50	243.00	22
#60	0.010	0.25	20.30	263.30	18
#100	0.006	0.15	44.00	307.30	10
#200	0.003	0.07	18.50	325.80	6
Pan			30.30	356.10	0

Total Weight of Sample = 356.1
Tare Weight = 0
Moisture Content = 0

8 - 28

0 - 8

D85 : 22.6736 mm
D60 : 1.0054 mm
D50 : 0.6645 mm
D30 : 0.3695 mm
D15 : 0.2060 mm
D10 : 0.1534 mm

Soil Classification

ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-1-b(0)
AASHTO Group Name : Stone Fragments, Gravel and Sand

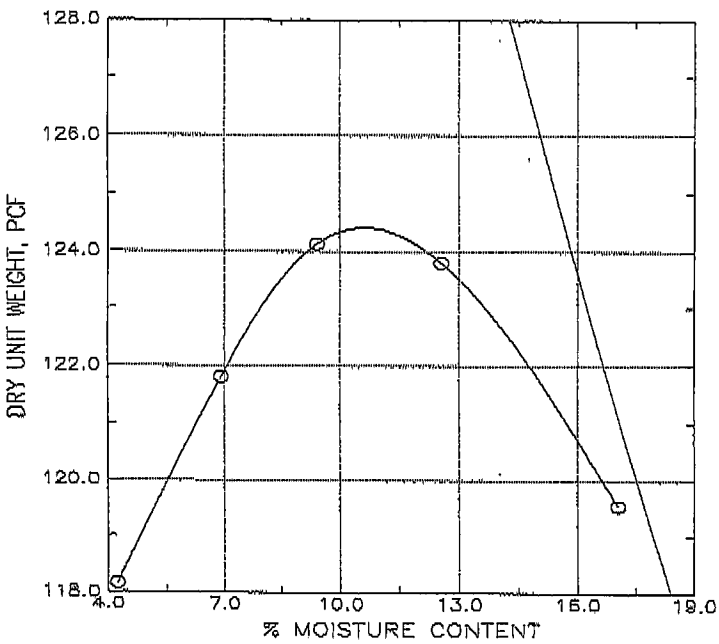
MILLER ENGINEERING & TESTING, INC.

Boring No. : N/A
Sample No: L040418B
Tested by : DM/BM
Filename : L040418B

Project: KEITH MIDDLE SCHOOL
Project No. : 04.169.NH
Location: KINGSTON PIT MIX 4 TO 1 WITH 3/4 INCH STONE
Date : Wed Jun 02 2004

PROCTOR–GRADATION TEST RESULTS

COMPACTION



Sample Description :
GRADED FILL

Compaction Test Designation : ASTM D1557–C

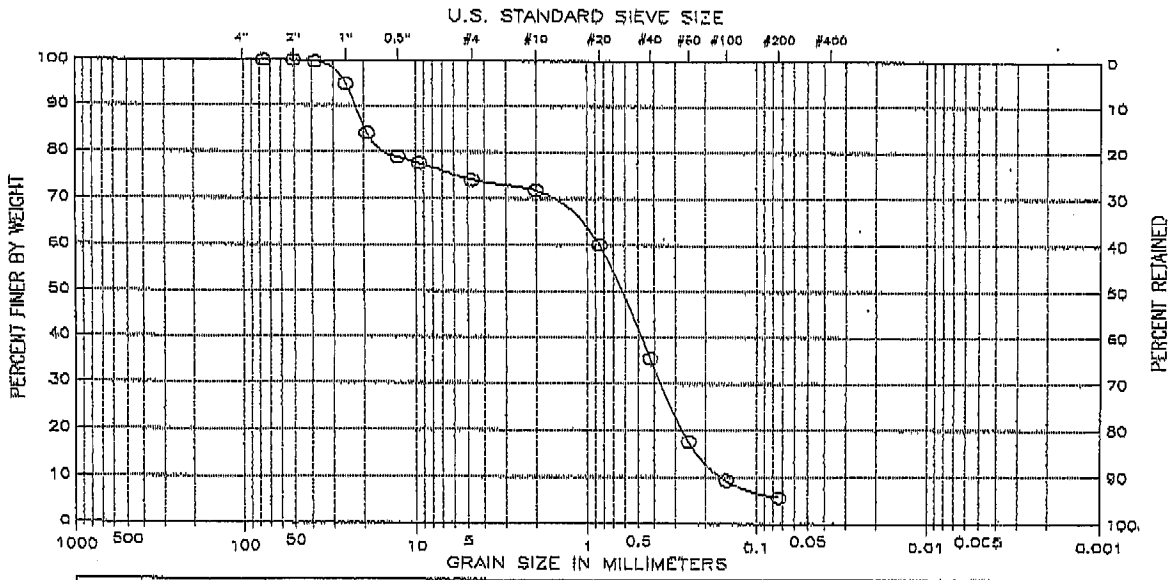
Maximum Dry Density : 124.4 PCF

Optimum Moisture Content : 10.6 %

CORRECTED MAXIMUM DRY DENSITY: 129.2 PCF

CORRECTED OPTIMUM MOISTURE CONTENT: 8.9 %

GRAIN SIZE DISTRIBUTION



UNIFIED SOIL CLASSIFICATION SYSTEM

Figure 1

Select Granular Fill

Tue Jun 01 08:37:20 2004

GEOTECHNICAL LABORATORY TEST DATA

Project : KEITH MIDDLE SCHOOL
Project No. : 04.169.NH
Boring No. : N/A
Sample No. : L040418B
Location : KINGSTON PIT MIX 4 TO 1 WITH 3/4 INCH STONE
Soil Description : GRADED FILL
Remarks : ASAP

Depth : N/A
Test Date : 6-1-04
Test Method : ASTM

Filename : L040418B
Elevation : N/A
Tested by : DM/BM
Checked by : BC

COARSE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (lb)	Cumulative Weight Retained (lb)	Percent Finer (%)	
6"					100	100
3"	3.000	76.20	11.90	11.90	100	
2"	2.000	50.80	11.90	11.90	100	
1.5"	1.500	38.10	12.10	12.10	100	
1"	1.000	25.40	15.40	15.60	95	
0.75"	0.752	19.10	19.90	23.20	84	
0.5"	0.500	12.70	15.90	26.80	79	50 - 85
0.375"	0.375	9.52	12.90	27.80	77	
#4	0.187	4.75	14.40	30.30	74	40 - 75

Total Weight of Sample = 82.5
Tare Weight = 11.9

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)	
#10	0.079	2.00	10.10	10.10	72	
#20	0.033	0.85	54.80	64.90	60	
#40	0.017	0.43	115.20	180.10	35	21 8 - 28
#60	0.010	0.25	82.50	262.60	18	
#100	0.006	0.15	38.90	301.50	9	
#200	0.003	0.07	16.80	318.30	6	
Pan			26.00	344.30	0	0 - 8

Total Weight of Sample = 344.3
Tare Weight = 0
Moisture Content = 0

D85 : 19.6195 mm
D60 : 0.8500 mm
D50 : 0.6423 mm
D30 : 0.3630 mm
D15 : 0.2140 mm
D10 : 0.1576 mm

Soil Classification

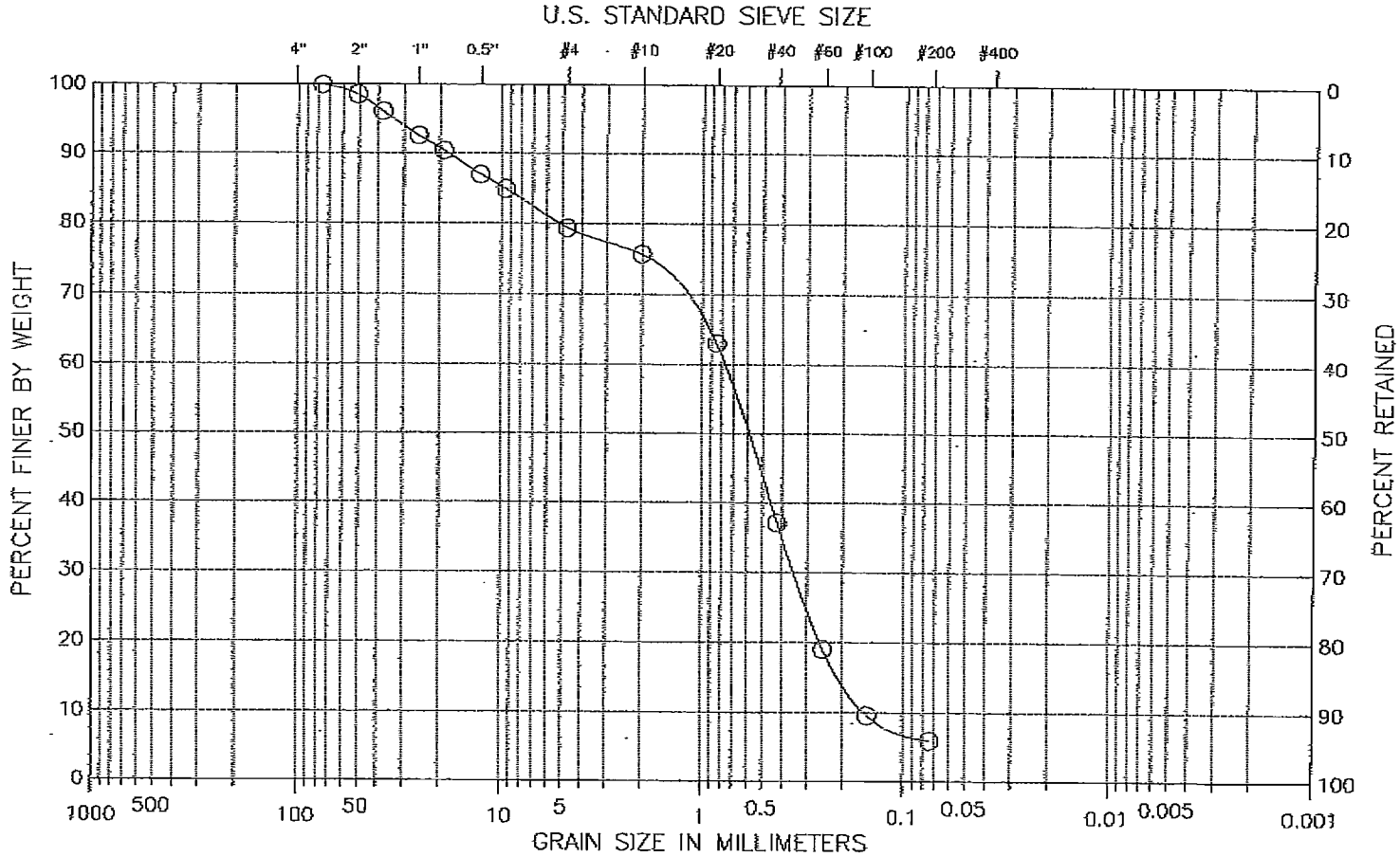
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-1-b(0)
AASHTO Group Name : Stone Fragments, Gravel and Sand

GRAIN SIZE DISTRIBUTION – AGGREGATE GRADING

MILLER ENGINEERING & TESTING, INC.

Boring No. : N/A
Sample No.: L040418A
Tested by : DM/BM
Filename : L040418A

Project : KEITH MIDDLE SCHOOL
Project No.: 04.169.NH
Location: KINGSTON PIT SAMPLED FROM ON SITE STOCKPILE
Date : Tue Jun 01 2004



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
()
Visual Description :
GRADED FILL

Remarks :
ASAP

Figure 1

Attachment B

Specification 07133
Gas Vapor Barrier

SECTION 07133

GAS VAPOR BARRIER

PART 1 - GENERAL

1.01 FILED SUB-BID REQUIREMENTS

A. This Section 07133 – GAS VAPOR BARRIER is part of filed sub-bid for Division 7 – Waterproofing, Damproofing and Caulking. Refer to Section 07100 – Waterproofing, Damproofing, and Caulking.

B. Specific information relating to bidders is set forth in the Contract Documents, under the heading "Instructions To Bidders" and the attention of bidders is directed thereto.

C. The work to be done under this Section is shown on Drawings numbered: EX1, L1.1 & L1.2, L2.1 & L2.2, L3.1 & L3.2, L4.1 & L4.2, L5, L6, L7, L8 & L9, SU1.1 & SU1.2, SU2, CR.1, CR.2, A0.1 thru A0.3, A1.1 thru A1.9, A2.1 thru A2.3, A3.1 thru A3.9, A4.1 thru A4.5, A5.1 thru A5.8, A6.1 thru 6.21, A7.1 thru A7.7, A8.1 thru A8.5, A9.1 & A9.2, A10.1 thru A10.4, A11.1 thru A11.4, A12.1 thru A12.6, A13.1 thru A13.3, K1.1, PL.1 thru PL.3, S0.1 thru S0.4, S1.1 thru S1.13, S2.1 thru S2.3, COMLEG, COM1.1, COM1.2, COM1.3, COM1.4, COM1.5, COM1.6, COM1.7, COM1.8, TC2.01, TC2.02, TC2.03, TC2.04, TC2.05. E0.1, E0.2, E0.3, E0.4, E0.5, E0.6, E0.7, E0.8, E0.9, E1.1, E1.2, E1.3, E1.4, E1.5, E1.6, E1.7, E1.8, E2.1, E2.2, E2.3, E2.4, E2.5, E2.6, E2.7, E2.8, E3.1, E3.2, E3.3, E3.4, E3.5, E3.6, E3.7, E3.8, E3.9, P0.1, P0.2, P0.3, P1.1, P1.2, P1.3, P1.4, P1.5, P1.6, P1.7, P1.8, P1.9, P1.10, P1.11, P1.12, P2.1, FP0.1, FP0.2, FP1.1, FP1.2, FP1.3, FP1.4, FP1.5, FP1.6, FP1.7, FP1.8, M1.1, M1.2, M1.3, M1.4, M1.5, M1.6, M1.7, M1.8, M1.9, M1.10, M2.1, M2.2, M2.3, M2.4, VS-1.

1.02 RELATED DOCUMENTS

A. All of the Contract Documents, including General and Supplementary Conditions and Division 1 General Requirements, apply to the work of this section.

1.03 DESCRIPTION OF WORK

A. The work of this Section consists of all labor and materials and in performing all operations in gas vapor barrier providing protection from the following gases:

1. Gas vapor barrier providing protection from the following gases:
   Methane
2. Soil vapor extraction piping and pressure relief, collection and venting system (PRCVS).

B. Related work not in this section:
1. Excavation and backfilling.
2. Parge coat on masonry to receive gas vapor barrier membrane.
3. Mortar beds or concrete toppings over gas vapor barrier membranes.
4. Latex waterproofing.
5. Damp-proofing.
6. Flashing and sheet metal.
7. Joint sealers.
8. Soil sterilant.

1.04 QUALITY ASSURANCE

A. Gas vapor barrier contractor/applicator shall be trained and approved by gas vapor barrier manufacturer and shall have at least 3 years experience in the work of the type required by this section.

B. A pre-installation conference shall be held prior to application of gas vapor barrier to assure substrate and installation conditions, to include general contractor, applicator, and architect/engineer.

1.05 SUBMITTALS

A. Refer to SECTION 01341 - SUBMITTALS for substitution of equipment and submittal of Shop Drawings. If apparatus or materials are substituted for those specified, and such substitution necessitates changes in or additional connections, accessories, etc. same shall be provided as the responsibility, and at the expense, of this Subcontractor.

B. Fabrication of any material or performing of any work prior to the final approval of the Submittals will be entirely at the risk of the Subcontractor. The Subcontractor is responsible for furnishing and installing materials called for in the Contract Documents, even though these materials may have been omitted from approved Submittals.

C. Product Data: Submit manufacturer's product data and installation instructions for specific application. Include standard details, certified test results, installation instructions, and recommendations for sealing penetrations.

D. Samples: Submit three labeled representative samples of the following for approval, not less than 12 by 12 inches in size:

1. Gas vapor barrier membrane material.
2. Protection Board and/or Protection Mat.
3. Prefabricated Pressure relief, collection & venting system – each component.
4. Geotextiles.

E. Shop Drawings: Submit shop drawings indicating details of construction. Include relationship with adjacent materials, sequence of installation and materials and methods for sealing penetrations. At a minimum shop drawings shall include details of the following connections, as applicable to the project:

1. Grade beams & pile caps.
2. Under slab & walls.
3. Lap joints.
4. Penetrations
5. Layout of PRCVS system and associated details.

1.06 DELIVERY, STORAGE AND HANDLING

Deliver materials to site in original unbroken packages bearing manufacturer's label showing brand, weight, volume, and batch number. Store materials at site in strict compliance with manufacturer's instructions. Do not allow materials to freeze in containers.

1.07 PROJECT CONDITIONS

A. Protect all adjacent areas not to receive gas vapor barrier. Where necessary, apply masking to prevent staining of surfaces to remain exposed wherever membrane abuts to other finish surfaces.

B. Perform work only when existing and forecasted weather conditions are within manufacturer's recommendations for the material and product used.

C. Minimum clearance of required for application of product:
- 90 degree spray wand – 2 feet.
- Conventional spray wand – 4 feet.

D. Ambient temperature shall be within manufacturer's specifications. (Greater than +32°F/+0°C).

E. All plumbing, electrical, mechanical and structural items to be under or passing through the gas vapor barrier shall be positively secured in their proper positions and appropriately protected prior to membrane application.

F. Gas vapor barrier shall be installed before placement of reinforcing steel. When not possible, all exposed reinforcing steel shall be masked by General Contractor prior to membrane application.

G. Expansion joints must be filled with a conventional waterproof expansion joint material.

H. Surface preparation shall be per manufacturer's specification.

1.08 GUARANTEE

A. Guarantee all work under this SECTION free from defects in workmanship and materials for a period of one (1) year from the date of final acceptance of the building, as set forth in the Contract. Replace any such defective work developing during this period, unless such defects are clearly the result of bad usage of equipment by others. Where such defective work results in damage to work of other SECTIONS of the Specifications, restore such work to its original condition by mechanics skilled in the affected trade.

PART 2 PRODUCTS

2.01 GENERAL

A. All materials and equipment furnished under this SECTION shall be new, unused, first quality of a manufacturer of established reputation. Each valve, fitting, section of pipe, piece of equipment, etc., shall have cast or indelibly stamped thereon the manufacturer's name, pressure rating where applicable, type, etc. Materials shall conform to Massachusetts Code as a minimum requirement.

B. Acceptable Manufacturers

1. This specification is performance based on products as manufactured by LBI Technologies, Inc., Santa Ana, CA (714) 384-0111.

2. Alternate application: A 60 mil. vapor-protective, composite sheet membrane system composed of high-density polyethylene having a sodium-bentonite face with modified overlap area providing for non-reinforced integral seam tape within overlaps.
   a. Tremco "Paramount Paraseal GM"
   b. Poly-Flex

2.02 MATERIALS

A. Fluid applied Liquid Boot gas vapor barrier system; a single course, high build, polymer modified asphaltic emulsion. Water borne and spray applied at ambient temperatures. A minimum thickness of 60 dry mils. Non-toxic and odorless.

B. Gas vapor barrier physical properties:

GAS VAPOR MEMBRANE	**TEST METHOD**	**VALUE**
Hydrogen Sulfide Gas Permeability	ASTM D1343	None Detected
Benzene, Toulene, Ethylene, Xylene, Gasoline, Hexane, Perchloroethylene	ASTM D543, D412, D1434 (tested at 20,000 ppm)	Passed in gas permeability and weight change
Sodium Sulfate (2% water solution)	ASTM D543, D412, D143	Passed in gas permeability and weight change
Acid Exposure (10% H_2SO_4 for 90 days)	ASTM D543	Less than 1% weight change
Radon Permeability	Tested by US Dept. of	Zero permeability to Radon (222Rn)

Bonded Seam Strength Tests	ASTM D6392	Passed
Micro Organism Resistance (Soil Burial) average weight change, average tensile strength change, average tensile stress change, average elongation change, bonded seams, methane permeability	ASTM D4068-88	Passed
Methane Permeability	ASTM 1434-82	Passed
Oil Resistance Test average weight change, average tensile strength change, average tensile stress change, average elongation change, bonded seams, methane permeability	ASTM D543-87	Passed
Heat Aging average tensile strength change, average tensile stress change, average elongation change, bonded seams	ASTM D4068-88	Passed
Dead Load Seam Strength	City of Los Angeles	Passed
Environmental Stress-Cracking	ASTM D1693-78	Passed
WATERPROOFING	**TEST METHOD**	VALUE
Soil Burial	ASTM E154-88	Passed
Water Penetration Rate	ASTM D2434	$<7.75 \times 10^{-9}$ cm/sec
Water Vapor Permeability	ASTM E96	0.24 perms
Water Vapor Transmission	ASTM E96	0.10 grains/h-ft^2
POTABLE WATER	**TEST METHOD**	**VALUE**
Toxicity Test	22 CCR 66696	Passed. CCR Bioassay—Flathead
Potable Water Containment	ANSI/NSF 61	NSF Certified for tanks >300,000 gallons

GENERAL INFORMATION	**TEST METHOD**	**VALUE**
Coefficient of Friction (with geotextile both sides)	ASTM D5321	0.72
Cold Bend Test	ASTM D146	Passed. No cracking at –25°F
Freeze-Thaw Resistance (100 Cycles)	ASTM A742	Meets criteria. No spalling or disbondment
Accelerated Weathering and Ultraviolet Exposure	ASTM D822	No adverse effect after 500 hours
Hydrostatic Head Resistance	ASTM D751	Tested to 138 feet or 60 p.s.i
Elongation	ASTM D412	1,332% without reinforcement, 90% recovery
Elongation with 8oz. non-woven geotextile both sides	ASTM D751	100% (same as geotextile tested separately)
Tensile Strength	ASTM D412	58 p.s.i. without reinforcement
Tensile Strength with 8oz. non-woven geotextile both sides	ASTM D751	196 p.s.i. (same as geotextile tested separately)

Tensile Bond Strength to Concrete	ASTM D413	2,556 lbs/ft^2 uplift force
Puncture Resistance with 8oz. non-woven geotextile both sides	ASTM D4833	286 lbs. (travel of probe = 0.756 inches) (same as geotextile tested separately)
Flame Spread	ASTM E108	Class A with top coat (comparable to UL790)
Electric Volume Resistivity	ASTM D257	1.91 x 10^{10} ohms-cm

C. Geotextile Fabric: Mirafi 1100N.

D. Non-woven protection course geotextile: LBI Tecnologies Ultrashield G-1000.

E. Protection Board: ¼" dense glass gold.

2.03 PRESSURE RELIEF, COLLECTION AND VENTING SYSTEM (PRCVS)

A. Liquid Boot Geovent: Low profile PRCVS consisting of a 3-dimensional vent core and wrapped with
a non-woven needle punched filter fabric. The trenchless gas collection system shall also include the following accessories for a complete installation.

1. Geovent end outlets.
2. Geovent interior foundation sleeves.
3. Geovent fabric reinforced tape.
4. Solid 4" diameter PVC pipe, sealant & fittings.

PART 3 - EXECUTION

3.01 EXAMINATION
All surfaces to receive gas vapor barrier shall be inspected and approved by the applicator at least one day prior to commencing work.

3.02 SURFACE PREPARATION
Provide 24 inch minimum clearance out from surfaces to receive the gas vapor barrier. The application surface shall be prepared and provided to the applicator in accordance with manufacturer's specifications listed below:

A. Concrete/Shotcrete/Masonry
Concrete surfaces shall be light broom finish or smoother, free of any dirt, debris, loose material, release agents or curing compounds. Fill all voids more than 1/4 inch deep and 1/4 inch wide. Masonry joints, cold joints, and form joints shall be struck smooth.

All penetrations shall be prepared in accordance with manufacturer's specifications. Provide a 3/4 inch minimum cant of gas vapor barrier, or other suitable material as approved by manufacturer, at all horizontal to vertical transitions and other inside corners of 120° or less. **Allow to cure overnight before the application of gas vapor barrier.**

All cracks or cold joints greater than 1/16 inch must be completely grouted with non-shrink grout as approved by engineer.

Install Hardcast reinforcing tape over all cold joints, cracks and form tie holes (after holes and cracks are grouted).

B. Dirt & Gravel
The sub-grade shall be moisture conditioned and compacted to a minimum relative compaction of 90 percent. The finished surface shall be smooth, uniform, free of debris and standing water. Remove all stones or dirt clods greater than 1/4 inch. (NOTE: Aggregate sub-bases shall be rolled flat). All penetrations shall be prepared in accordance with manufacturer's specifications. All form stakes that penetrate the membrane shall be of rebar which shall be bent over and left in the slab.

Trenches shall be cut oversize to accommodate gas vapor barrier membrane and protection course with perpendicular to sloped sides and maximum obtainable compaction. Adjoining grade shall be finish graded and compacted. Excavated walls shall be vertical or sloped back, free of roots and protruding rocks.

3.03 INSTALLATION

A. Roll out geotextile on protection course over rigid insulation with the heat-rolled side facing up. Overlap seams a minimum of six inches (6"). Lay geotextile tight at all inside corners. Apply a thin (10 mil) tack coat of gas vapor barrier "A" side without catalyst within the seam overlap.

Line trenches with geotextile extending at least six inches (6") onto adjoining sub-grade if slab and footings are to be sprayed separately. Overlap seams a minimum of six inches (6"). Lay geotextile tight at all inside corners. Apply a thin (10 mil) tack coat of gas vapor barrier "A" side without catalyst within the seam overlap.

B. Refer to section 3.03.1, "Sealing Around Penetrations", for procedures to seal around penetrations.

C. Spray apply gas vapor barrier onto geotextile to an 60 mil minimum dry thickness. If a second coat is required, remove any standing water from the membrane before proceeding with the second application.

D. Do not penetrate membrane. Keep membrane free of dirt, debris and traffic until a protective cover is in place. **It is the responsibility of the General Contractor to insure that the membrane and the protection system are not penetrated.**

E. After membrane has cured and checked for proper thickness and flaws, install protection material pursuant to manufacturer's instructions.

NOTE: All testing or inspection to be performed prior to placing protection course.

3.03.1 SEALING AROUND PENETRATIONS

A. Clean all penetrations. All metal penetrations shall be sanded clean with emery cloth.

B. Roll out geotextile on protection course over rigid insulation with the heat-rolled side facing up, overlapping seams a minimum of six inches (6"). Cut the geotextile around penetrations so that it lays flat on the protection course. Lay geotextile tight at all inside corners. Apply a thin (10 mil) tack coat of gas vapor barrier "A" side without catalyst within the seam overlap.

C. Spray apply gas vapor barrier to surrounding areas as specified for the particular application to an 60 mil minimum dry thickness. At the base of penetration Install a minimum 3/4 inch thick membrane cant of gas vapor barrier, or other suitable material as

approved by manufacturer. Extend the membrane at 60 mil thickness up the penetration a minimum of three inches (3"). **Allow to cure overnight before proceeding to D.**

D. Spray apply gas vapor barrier membrane at a 60 mil thickness three inches (3") around the base of penetration and up the penetration, completely encapsulating the collar assembly, to a height of one and one half inches (1 1/2") minimum above the membrane as described in 3.03.1 C above.

E. Allow gas vapor barrier to cure completely before proceeding to step "F".

F. Wrap penetration with polypropylene cable tie at a point two inches (2") above the base of the penetration. Tighten the cable tie firmly so as to squeeze, but not cut, the cured membrane collar.

3.04 FIELD QUALITY CONTROL

Applicators should check their own work for coverage, thickness, and all around good workmanship before calling for inspections.

The membrane must be cured at least overnight before inspecting for dry-thickness, holes, shadow shrinkage, and any other membrane damage. If water testing is to be performed, allow the membrane to cure at least 72 hours prior to the water test.

When thickness or integrity is in question the membrane should be tested in the proper manner as described below. Areas suspected of being too thin to the touch should be measured with the gauges to determine the exact thickness.

A. Membrane may be checked for proper thickness with a blunt-nose depth gauge, taking one reading every 500 square feet. Record the readings. Mark the test area for repair, if necessary.

B. If necessary, test areas are to be patched over with gas vapor barrier to a 60 mils minimum dry thickness, extending a minimum of one inch (1") beyond the test perimeter.

C. Voids left by sampling are to be patched with geotextile overlapping the void by a minimum of two inches (2"). Apply a thin tack coat of LIQUID BOOT® under the geotextile patch. Then spray or trowel apply LIQUID BOOT® to an 60 mils minimum dry thickness, extending at least three inches (3") beyond geotextile patch.

3.05 PRESSURE RELIEF, COLLECTION AND VENTING SYSTEM (PRCVS)

A. Roll out Geovent per layout as approved by Architect.

B. Use prefabricated Geovent sleeves where venting is to penetrate interior foundation walls and grade beams.

C. At points of intersection, cut away geotextile to produce rectangular flaps. Interlock exposed dimple board in a Lego-like fashion. Fold flaps of geotextile in a manner so that the dimple board is covered completely. Secure geotextile folds with fiber reinforcing tape so that the geotextile is completely impermeable to sand fill.

D. Use Geovent end outlet to attach to solid 4" diameter PVC pipe at penetration through building foundation. Seal/grout piping at penetrations through foundation using approved methods.

SMOKE TESTING FOR HOLES

A. Holes or other breaches in the membrane can be detected by conducting a smoke test. This involves pumping smoke under the membrane for a specified period of time, under a specified pressure by the Engineer. Smoke testing to take place prior to installation of reinforcing bars for structural slab and upon completion of reinforcing installation.

END OF SECTION

Attachment B

Specifications, Shop
Drawings, and Data Sheets

TC Mirafi

TECHNICAL DATA SHEET

Mirafi 600X

Mirafi 600X is composed of high-tenacity polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. 600X is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Wide Width Tensile Strength	ASTM D 4595	kN/m (lbs/in)	30.6 (175)	30.6 (175)
Grab Tensile Strength	ASTM D 4632	kN (lbs)	1.40 (315)	1.40 (315)
Grab Tensile Elongation	ASTM D 4632	%	15	10
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.53 (120)	0.53 (120)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	4134 (600)	
Puncture Strength	ASTM D 4833	kN (lbs)	0.53 (120)	
Percent Open Area	COE-02215-86	%	1	
Apparent Opening Size (AOS)	ASTM D 4751	mm (U.S. Sieve)	0.425 (40)	
Permittivity	ASTM D 4491	sec^{-1}	0.05	
Flow Rate	ASTM D 4491	$l/min/m^2$ (gal/min/ft²)	163 (4.0)	
UV Resistance (at 500 hours)	ASTM D 4355	% strength retained	70	

Physical Properties	Test Method	Unit	Typical Value	
Weight	ASTM D 5261	g/m^2 (oz/yd^2)	203 (6.0)	
Thickness	ASTM D 5199	mm (mils)	0.64 (25)	
Roll Dimensions (width x length)	--	m (ft)	3.8 x 110 (12.5 x 360)	5.5 x 76 (18 x 250)
Roll Area	--	m^2 (yd^2)	418 (500)	418 (500)
Estimated Roll Weight	--	kg (lb)	109 (240)	109 (240)

DISCLAIMER: TC Mirafi warrants our products to be free from defects in material and workmanship when delivered to TC Mirafi's customers and that our products meet our published specifications. Contact your local TC Mirafi Representative for detailed product specification and warranty information.

600X.DOC
Revision: 2
Date: Jan. 1, 1999

WES CONSTRUCTION CORP.
REVIEWED BY:
DATE: 10-28-04

side slopes

side slopes

TC Mirafi

TECHNICAL DATA SHEET

Mirafi MCF-1212

Mirafi MCF-1212 is a composite structure of a woven, polyethylene fabric with polyethylene films laminated to both sides forming a monolithic sheet. MCF-1212 is highly impermeable and is inert to biological degradation and naturally encountered chemicals, alkalis and acids.

Mechanical Properties	Test Method	Unit	Typical Roll Value
Grab Tensile Strength	ASTM D 4632	kN (lbs)	0.89 (200)
Grab Tensile Elongation	ASTM D 4632	%	15
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.22 (50)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	2960 (430)
Puncture Strength	ASTM D 4833	kN (lbs)	0.44 (100)
Permeability	ASTM D4491	cm/sec	$< 10^{-4}$
UV Resistance after 500 hours	ASTM D 4355	% strength retained	> 90

Physical Properties	Test Method	Unit	Typical Value
Mass/Unit Area	ASTM D 5261	g/m² (oz/yd²)	211 (6.2)
Thickness	ASTM D 5199	mm (mils)	0.508 (20)
Roll Dimensions (width x length)	--	m (ft)	3.7 x 91.4 (12 x 300)
Roll Area	--	m² (yd²)	334.4 (400)
Estimated Roll Weight	---	kg (lbs)	86 (190)

DISCLAIMER: TC Mirafi warrants our products to be free from defects in material and workmanship when delivered to TC Mirafi's customers and that our products meets our published specifications. Contact your local TC Mirafi Representative for detailed product specification and warranty information.

SHOP DRAWINGS, PRODUCT DATA OR SAMPLES

APPROVAL DOES NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY FOR ERRORS OR OMMISSIONS IN THE SHOP DRAWINGS, PRODUCT DATA OR SAMPLES

☑ APPROVED ☐ DISAPPROVED
☐ APPROVED AS NOTED
☐ REVISE & RESUBMIT

CHECKED BY: [illegible]
DATE: 11/08/04

MORIECE & GARY

MIRAFI®

TECHNICAL DATA SHEET

Mirafi® 1100N

Mirafi® 1100N is a nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. 1100N is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D 4632	kN (lbs)	1.11 (250)	1.11 (250)
Grab Tensile Elongation	ASTM D 4632	%	50	50
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.45 (100)	0.45 (100)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	3445 (500)	
Puncture Strength	ASTM D 4833	kN (lbs)	0.69 (155)	
Apparent Opening Size (AOS)	ASTM D 4751	mm (U.S. Sieve)	0.150 (100)	
Permittivity	ASTM D 4491	sec^{-1}	1.0	
Permeability	ASTM D 4491	cm/sec	0.20	
Flow Rate	ASTM D 4491	$l/min/m^2$ ($gal/min/ft^2$)	3056 (75)	
UV Resistance (at 500 hours)	ASTM D 4355	% strength retained	70	

Physical Properties	Test Method	Unit	Typical Value
Weight	ASTM D 5261	g/m^2 (oz/yd^2)	349 (10.3)
Thickness	ASTM D 5199	mm (mils)	2.5 (100)
Roll Dimensions (width x length)	--	m (ft)	4.5 x 91 (15 x 300)
Roll Area	--	m^2 (yd^2)	418 (500)
Estimated Roll Weight	--	kg (lb)	154 (339)

Disclaimer: MIRAFI® Construction Products assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. MIRAFI® disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

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02200 - 003

Warranty Brochure

Tensar Earth Technologies, Inc.
Light Weight Dig Barrier
(LW1100 Dig Barrier)

General Description and Applications

The Dig Barrier product from Tensar Earth Technologies, is a cost effective visual dig barrier designed to be placed in excavations above underground utility lines, landfill cover systems, and any other damage sensitive buried structures. The highly visible orange netting serves as a warning to equipment operators when the excavation depth nears a buried structure. Therefore, unnecessary damage may be avoided.

Available in 12-foot wide rolls, Dig Barrier allows cost-effective coverage of large areas such as landfill cap systems. In addition, the product may be ordered in narrow widths (or cut on site) for placement in utility trench applications. The high-strength netting may also serve as a deterrent to burrowing animals and will not impede the flow of water. Tensar Earth Technologies specifically designed this product for cost effective use as a dig barrier.

Roll Dimensions

12-ft by 2000-ft

Weight per Roll

Roll Weight: Approximately 332-lbs
Weight/Area: 55-gms/m^2 nominal

Color

Blaze Orange

Material

High Strength Polypropylene (PP) Homopolymer
Orange pigment and UV inhibitors
0.5% minimum ash pigment for up to 3-year exposed UV life

Cell (Aperture) Size

MD X TD: 1.0 inch X 1.0-inch nominal

Tensile Strength

MD X TD: 18 lbs./strand X 18 lbs./strand

SHOP DRAWING REVIEW
REVIEW IS ONLY FOR GENERAL COMPLIANCE WITH DESIGN CONCEPT
X NO EXCEPTIONS TAKEN
MAKE CORRECTIONS NOTED
AMEND AND RESUBMIT
REJECTED - SEE REMARKS
BETA GROUP, INC.
(Signature) Date 9/16/04
Checked by:

Principal Advantages Over Other Products Used as Dig Barrier

Versus Woven Geotextiles –

- Less expensive
- Will not impeded the free flow of water
- Highly visible orange color versus black

Versus Safety Fence –

- Wider roll widths for faster, easier installation
- Stronger not reduces installation damage

Versus Utility Warning Tape –

- Full trench coverage
- Acts as an inexpensive insurance policy (for visual ID) when used with magnetic warning tape

Tensar

Tensar Earth Technologies, Inc.
5883 Glenridge Drive
Atlanta, GA 30328

Attachment C

Tabulated PCB Analytical Results

McCoy Field
Project No. 02685

Landscaped Area
Polychlorinated Biphenyls

				Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
A1-0.5-3'	0.5-3	10/12/04	10/19/04	20,200	ND	ND	ND	ND	20,200	ND	ND	ND
A2-0.5-1.9'	0.5-1.9	10/12/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A5-0.5-2.5'	0.5-2.5	10/12/04	10/20/04	112,000	ND	ND	ND	ND	112,000	ND	ND	ND
A5-2.5-3.5'	0.5-2.5	12/3/04	12/8/04	102,000	ND	ND	ND	ND	102,000	ND	ND	ND
A5-3.5-4.5'	3.5-4.5	12/3/04	12/18/04	114,000	ND	ND	ND	ND	114,000	ND	ND	ND
A5-4.5-5.5'	4.5-5.5	12/28/04	1/8/05	11,000	ND	ND	ND	ND	11,000	ND	ND	ND
A5-A-0.5-2.5'	0.5-2.5	12/3/04	12/8/04	1,600	ND	ND	ND	ND	1,600	ND	ND	ND
A5-A-2.5-3.5'	2.5-3.5	12/3/04	12/18/04	64,100	ND	ND	ND	ND	64,100	ND	ND	ND
A5-A-3.5-4.5'	3.5-4.5	12/3/04	12/18/04	3,870	ND	ND	ND	ND	3,870	ND	ND	ND
A5-B-0.5-2.5'	0.5-2.5	12/3/04	12/8/04	8,560	ND	ND	ND	ND	8,560	ND	ND	ND
A5-B-2.5-3.5'	2.5-3.5	12/3/04	12/18/04	726,000	ND	ND	ND	ND	726,000	ND	ND	ND
A5-C-0.5-2.5'	0.5-2.5	12/3/04	12/8/04	112,000	ND	ND	ND	ND	112,000	ND	ND	ND
A5-C-2.5-3.5'	2.5-3.5	12/3/04	12/8/04	2,230	ND	ND	ND	ND	2,230	ND	ND	ND
A5-C-3.5-4.5'	3.5-4.5	12/3/04	12/8/04	7,230	ND	ND	ND	ND	7,230	ND	ND	ND
A5-D-0.5-2.5'	0.5-2.5	12/3/04	12/8/04	4,280	ND	ND	ND	ND	4,280	ND	ND	ND
A5-D-2.5-3.5'	2.5-3.5	12/3/04	12/8/04	993,000	ND	ND	ND	ND	993,000	ND	ND	ND
A5-D-3.5-4.5'	3.5-4.5	12/3/04	12/8/04	190,000	ND	ND	ND	ND	190,000	ND	ND	ND
A5-E-0.5-2.5'	0.5-2.5	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
A5-F-0.5-2.5'	0.5-2.5	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
A5-G-0.5-2.5'	0.5-2.5	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
A5-H-2.5-3.5'	2.5-3.5	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
A5-H-3.5-4.5'	3.5-4.5	12/28/04	1/8/05	472,000	ND	ND	ND	ND	472,000	ND	ND	ND
A5-H-4.5-5.5'	4.5-5.5	12/28/04	1/13/05	55,000	ND	ND	ND	ND	55,000	ND	ND	ND
A5-I-2.5-3.5'	2.5-3.5	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
A5-I-3.5-4.5'	3.5-4.5	12/28/04	1/8/05	74,100	ND	ND	ND	ND	74,100	ND	ND	ND
A5-J-3.5-4.5'	3.5-4.5	1/11/05	1/13/05	8,550	ND	ND	ND	ND	8,550	ND	ND	ND
A5-K-3.5-4.5'	3.5-4.5	1/11/05	1/13/05	18,100	ND	ND	ND	ND	18,100	ND	ND	ND
A5-L-3.5-4.5'	3.5-4.5	1/11/05	1/13/05	55,100	ND	ND	ND	ND	55,100	ND	ND	ND
A6-0.5-1.75'	0.5-1.75	10/12/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A7-0.5-1.6	0.5-1.6	10/12/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A8-0.5-1.6'	0.5-1.6	10/12/04	10/20/04	4,430	ND	ND	ND	ND	4,430	ND	ND	ND
A9-0.5-1.6'	0.5-1.6	10/12/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A13-0.5-3.6'	0.5-3.6	10/12/04	10/20/04	3,650	ND	ND	ND	ND	3,650	ND	ND	ND
A14-0.5-4.7'	0.5-4.7	10/12/04	10/20/04	12,600	ND	ND	ND	ND	12,600	ND	ND	ND
Duplicate 159 (A14-0.5-4.7')	0.5-4.7	10/12/04	10/19/04	29,500	ND	ND	ND	ND	29,500	ND	ND	ND
A18-0.5-3.6'	0.5-3.6	10/12/04	10/19/04	23,200	ND	ND	ND	ND	23,200	ND	ND	ND
A19-0.5-3.5'	0.5-3.5	10/12/04	10/20/04	40,700	ND	ND	ND	ND	40,700	ND	ND	ND
A20-0.5-2.75'	0.5-2.75	10/12/04	10/19/04	22,300	ND	ND	ND	ND	22,300	ND	ND	ND
A21-0.5-2.6'	0.5-2.6	10/12/04	10/20/04	276,000	ND	ND	ND	ND	276,000	ND	ND	ND
A21-2.6-3.6'	0.5-2.6	12/3/04	12/8/04	6,950	ND	ND	ND	ND	6,950	ND	ND	ND
A21-A-0.5-2.6'	0.5-2.6	12/3/04	12/8/04	4,200	ND	ND	ND	ND	4,200	ND	ND	ND
A21-B-0.5-2.6'	0.5-2.6	12/3/04	12/8/04	18,500	ND	ND	ND	ND	18,500	ND	ND	ND
A21-C-0.5-2.6'	0.5-2.6	12/3/04	12/8/04	6,020	ND	ND	ND	ND	6,020	ND	ND	ND
A21-C-0.5-2.6'MS	0.5-2.6	12/3/04	12/8/04	10,700	ND	ND	ND	ND	10,700	ND	ND	ND

Landscaped Area
Polychlorinated Biphenyls

				Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
A21-C-0.5-2.6'MSD	0.5-2.6	12/3/04	12/8/04	12,300	ND	ND	ND	ND	12,300	ND	ND	ND
A21-D-0.5-2.6'	0.5-2.6	12/3/04	12/8/04	3,130	ND	ND	ND	ND	3,130	ND	ND	ND
A22-0.5-2.5'	0.5-2.5	10/12/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A23-0.5-2.5'	0.5-2.5	10/12/04	10/19/04	1,820	ND	ND	ND	ND	1,820	ND	ND	ND
A24-0.5-2.6'	0.5-2.6	10/12/04	10/19/04	3,560	ND	ND	ND	ND	3,560	ND	ND	ND
A25-0.5-2.1'	0.5-2.1	10/12/04	10/19/04	9,800	ND	ND	ND	ND	9,800	ND	ND	ND
A26-0.5-1.5	0.5-1.5	10/14/04	10/15/04	40,500	ND	ND	ND	ND	40,500	ND	ND	ND
Duplicate 160 (A26-0.5-1.5')	0.5-1.5	10/14/04	10/19/04	15,600	ND	ND	ND	ND	15,600	ND	ND	ND
A27-0.5-1.2	0.5-1.2	10/14/04	10/19/04	4,550	ND	ND	ND	ND	4,550	ND	ND	ND
A43-0.5-1.2	0.5-1.2	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A44-0.5-1.7	0.5-1.7	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A45-0.5-2.5	0.5-2.5	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A46-0.5-2.1	0.5-2.1	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A50-0.5-2.7	0.5-2.7	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A52-0-3.5	0-3.5	11/11/04	11/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A53-0-3	0-3	11/11/04	11/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A53-0-3'MS	0-3	11/11/04	11/17/04	6,200	ND	ND	ND	ND	6,200	ND	ND	ND
A53-0-3'MSD	0-3	11/11/04	11/17/04	5,870	ND	ND	ND	ND	5,870	ND	ND	ND
A54-0-2.5	0-2.5	11/11/04	11/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A55-0-1	0-1	11/11/04	11/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A57-0-2	0-2	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A58-0-2	0-2	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A59-0-1.5	0-1.5	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A59.5-1-3'	1-3	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
A60-1-3.5	1-3.5	11/4/04	11/11/04	2,750	ND	ND	ND	ND	2,750	ND	ND	ND
B1-0.5-1.1'	0.5-1.1	10/12/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
B8-0.5-0.6'	0.5-0.6	10/12/04	10/20/04	6,190	ND	ND	ND	ND	6,190	ND	ND	ND
B9-0.5-0.7	0.5-0.7	10/12/04	10/20/04	9,030	ND	ND	ND	ND	9,030	ND	ND	ND
B18-0.5-2.8'	0.5-2.8	10/12/04	10/20/04	55,900	ND	ND	ND	ND	55,900	ND	ND	ND
B18-A-0.5-2.8'	0.5-2.8	12/3/04	12/8/04	7,630	ND	ND	ND	ND	7,630	ND	ND	ND
B18-B-0.5-2.8'	0.5-2.8	12/3/04	12/8/04	14,100	ND	ND	ND	ND	14,100	ND	ND	ND
B18-C-0.5-2.8'	0.5-2.8	12/3/04	12/8/04	37,700	ND	ND	ND	ND	37,700	ND	ND	ND
B18-D-0.5-2.8'	0.5-2.8	12/3/04	12/8/04	6,430	ND	ND	ND	ND	6,430	ND	ND	ND
B19-0.5-2.4'	0.5-2.4	10/12/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
B23-0.5-0.7'	0.5-0.7	10/12/04	10/19/04	9,420	ND	ND	ND	ND	9,420	ND	ND	ND
B24-0.5-1.2'	0.5-1.2	10/12/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
B25-0.5-2.1'	0.5-1.2	10/12/04	10/19/04	9,320	ND	ND	ND	ND	9,320	ND	ND	ND
B26-0.5-1.9	0.5-1.9	10/14/04	10/15/04	44,800	ND	ND	ND	ND	44,800	ND	ND	ND
B26-0.5-1.9'MS	0.5-1.9	10/14/04	10/15/04	39,500	ND	ND	ND	ND	39,500	ND	ND	ND
B26-0.5-1.9'MSD	0.5-1.9	10/14/04	10/15/04	106,000	ND	ND	ND	ND	106,000	ND	ND	ND
B26-0.5-2.0	0.5-2.0	12/3/04	12/8/04	9,390	ND	ND	ND	ND	9,390	ND	ND	ND
B28-0.5-1.2	0.5-1.2	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
B32-0.5-0.7	0.5-0.7	10/14/04	10/19/04	1,350	ND	ND	ND	ND	1,350	ND	ND	ND

Landscaped Area
Polychlorinated Biphenyls

Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
B37-0.5-0.9	0.5-0.9	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
B38-0.5-0.7	0.5-0.7	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
B41-0.5-0.8	0.5-0.8	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
B42-0.5-1.6	0.5-1.6	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
B43-0.5-1.75	0.5-1.75	10/14/04	10/19/04	2,130	ND	ND	ND	ND	2,130	ND	ND	ND
B44-0.5-2.4	0.5-2.4	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
B46-0.5-1.0	0.5-1	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
B53-0-2	0-2	11/11/04	11/17/04	1,110	ND	ND	ND	ND	1,110	ND	ND	ND
B54-0-1	0-1	11/11/04	11/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
B59.5-0.5-2	0.5-2	11/4/04	11/11/04	2,950	ND	ND	ND	ND	2,950	ND	ND	ND
B60-1-3.5	1-3.5	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
C1-0.5-0.6'	0.5-0.6	10/12/04	10/19/04	4,560	ND	ND	ND	ND	4,560	ND	ND	ND
C5-0.5-0.6'	0.5-0.6	10/12/04	10/19/04	13,300	ND	ND	ND	ND	13,300	ND	ND	ND
C6-0.5-1	0.5-1	10/12/04	10/20/04	14,500	ND	ND	ND	ND	14,500	ND	ND	ND
C7-0.5-1	0.5-1	10/12/04	10/20/04	15,500	ND	ND	ND	ND	15,500	ND	ND	ND
C8-0.5-1.25'	0.5-1.25	10/12/04	10/20/04	9,340	ND	ND	ND	ND	9,340	ND	ND	ND
C9-0.5-1.7'	0.5-1.7	10/12/04	10/20/04	13,500	ND	ND	ND	ND	13,500	ND	ND	ND
C18-0.5-2.25'	0.5-2.25	10/12/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
C19-0.5-1.3'	0.5-1.3	10/12/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
C26-0.5-1.0	0.5-1	10/14/04	10/19/04	2,160	ND	ND	ND	ND	2,160	ND	ND	ND
C50-0.5-1.7	0.5-1.7	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
C53-0-1.5	0-1.5	11/11/04	11/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
C59.5-0.5-2	0.5-2	11/4/04	11/11/04	1,300	ND	ND	ND	ND	1,300	ND	ND	ND
C60-1-3.5	1-3.5	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
D1-0.5-0.75	0.5-0.75	12/28/04	1/6/05	1,340	ND	ND	ND	ND	1,340	ND	ND	ND
D5-0.5-0.8	0.5-0.8	12/28/04	1/6/05	8,220	ND	ND	ND	ND	8,220	ND	ND	ND
D6-0.5-1.1	0.5-1.1	12/28/04	1/6/05	5,470	ND	ND	ND	ND	5,470	ND	ND	ND
D7-0.5-1.15	0.5-1.15	12/28/04	1/6/05	10,700	ND	ND	ND	ND	10,700	ND	ND	ND
D8-0.5-1.45	0.5-1.45	12/28/04	1/6/05	7,740	ND	ND	ND	ND	7,740	ND	ND	ND
D9-0.5-1.9	0.5-1.9	12/28/04	1/6/05	6,050	ND	ND	ND	ND	6,050	ND	ND	ND
D10-0.5-2.2	0.5-2.2	12/28/04	1/6/05	11,700	ND	ND	ND	ND	11,700	ND	ND	ND
D10-0.5-2.2MS	0.5-2.2	12/28/04	1/6/05	18,600	ND	ND	ND	ND	18,600	ND	ND	ND
D10-0.5-2.2MSD	0.5-2.2	12/28/04	1/6/05	19,400	ND	ND	ND	ND	19,400	ND	ND	ND
D18-0.5-1.1	0.5-1.1	10/12/04	10/19/04	5,290	ND	ND	ND	ND	5,290	ND	ND	ND
D46-0.5-0.7	0.5-0.7	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
D53-0-2	0-2	11/11/04	11/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
D59.5-0-2	0-2	11/4/04	11/12/04	35,435	ND	ND	ND	ND	35,435	ND	ND	ND
D60-0-1.5	0-1.5	11/4/04	11/12/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
E1-0.5-0.8	0.5-0.8	12/28/04	1/6/05	1,070	ND	ND	ND	ND	1,070	ND	ND	ND
E5-0.5-0.85	0.5-0.85	12/28/04	1/6/05	14,400	ND	ND	ND	ND	14,400	ND	ND	ND
E6-0.5-0.9	0.5-0.9	12/28/04	1/6/05	14,300	ND	ND	ND	ND	14,300	ND	ND	ND
E7-0.5-1.2	0.5-1.2	12/28/04	1/6/05	8,490	ND	ND	ND	ND	8,490	ND	ND	ND
E8-0.5-1.25	0.5-1.25	12/28/04	1/6/05	3,850	ND	ND	ND	ND	3,850	ND	ND	ND

Landscaped Area
Polychlorinated Biphenyls

Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
RCS-1				**2,000**	~	~	~	~	~	~	~	~
Turnkey Acceptance Limit				**50,000**	~	~	~	~	~	~	~	~
UCL				**100,000**	~	~	~	~	~	~	~	~
E9-0.5-1.5	0.5-1.5	12/28/04	1/6/05	6,200	ND	ND	ND	ND	6,200	ND	ND	ND
E10-0.5-1.9	0.5-1.9	12/28/04	1/6/05	9,900	ND	ND	ND	ND	9,900	ND	ND	ND
E13-0.5-2.4	0.5-2.4	12/28/04	1/8/05	6,700	ND	ND	ND	ND	6,700	ND	ND	ND
Duplicate 205 (E13-0.5-2.4)	0.5-2.4	12/28/04	1/8/05	6,580	ND	ND	ND	ND	6,580	ND	ND	ND
E14-0.5-1.25	0.5-1.25	10/14/04	10/21/04	5,970	ND	ND	ND	ND	5,970	ND	ND	ND
E15-0.5-2.5	0.5-2.5	10/14/04	10/21/04	2,800	ND	ND	ND	ND	2,800	ND	ND	ND
E15-0.5-2.5'MS	0.5-2.5	10/14/04	10/21/04	9,050	ND	ND	ND	ND	9,050	ND	ND	ND
E15-0.5-2.5'MSD	0.5-2.5	10/14/04	10/21/04	8,200	ND	ND	ND	ND	8,200	ND	ND	ND
E47-0.5-0.6	0.5-0.6	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
E53-0-1	0-1	11/11/04	11/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
E59.5-0-2	0-2	11/4/04	11/12/04	16,800	ND	ND	ND	ND	16,800	ND	ND	ND
F13-0.5-1.4	0.5-1.4	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
F14-0.5-1.5	0.5-1.5	10/14/04	10/21/04	8,250	ND	ND	ND	ND	8,250	ND	ND	ND
F15-0.5-1	0.5-1	10/14/04	10/21/04	5,640	ND	ND	ND	ND	5,640	ND	ND	ND
F50-0.5-1.5	0.5-1.5	10/14/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
F51-0-2	0-2	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
F59.5-0-2	0-2	11/4/04	11/12/04	21,800	ND	ND	ND	ND	21,800	ND	ND	ND
Duplicate 187 (F59.5-0-2')	0-2	11/4/04	11/12/04	40,260	ND	ND	ND	ND	40,260	ND	ND	ND
F60-0.25-2	0.25-2	11/4/04	11/12/04	45,500	ND	ND	ND	ND	45,500	ND	ND	ND
F,G55.25-0-1	0-1	11/11/04	11/17/04	86,400	ND	ND	ND	ND	86,400	ND	ND	ND
F,G55.25-A-0-1'	0-1	1/14/05	1/15/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
F,G55.25-B-0-1'	0-1	1/14/05	1/15/05	2,400	ND	ND	ND	ND	2,400	ND	ND	ND
F,G55.25-C-0-1'	0-1	1/14/05	1/15/05	1,560	ND	ND	ND	ND	1,560	ND	ND	ND
F,G55.25-D-0-1'	0-1	1/14/05	1/15/05	2,020	ND	ND	ND	ND	2,020	ND	ND	ND
G13-0.5-1.2	0.5-1.2	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
G14-0.5-1.5	0.5-1.5	10/14/04	10/21/04	5,830	ND	ND	ND	ND	5,830	ND	ND	ND
G18-0.5-1.2	0.5-1.2	10/14/04	10/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
Duplicate 163 (G18-0.5-1.2')	0.5-1.2	10/14/04	10/21/04	2,790	ND	ND	ND	ND	2,790	ND	ND	ND
G50-0.5-1.6	0.5-1.6	10/14/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
G50-0.5-1.6'MS	0.5-1.6	10/14/04	10/20/04	5,710	ND	ND	ND	ND	5,710	ND	ND	ND
G50-0.5-1.6'MSD	0.5-1.6	10/14/04	10/20/04	6,150	ND	ND	ND	ND	6,150	ND	ND	ND
G51-0-1	0-1	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
G52-0-1	0-1	11/11/04	11/17/04	1,110	ND	ND	ND	ND	1,110	ND	ND	ND
G53-0-1	0-1	11/11/04	11/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
G54-0-1	0-1	11/11/04	11/17/04	4,390	ND	ND	ND	ND	4,390	ND	ND	ND
G59-0-2'	0-2	11/4/04	11/11/04	3,250	ND	ND	ND	ND	3,250	ND	ND	ND
G59.5-0-3.25'	0-3.25	11/4/04	11/11/04	2,400	ND	ND	ND	ND	2,400	ND	ND	ND
G59.5-0-3.25'MS	0-3.25	11/4/04	11/11/04	9,610	ND	ND	ND	ND	9,610	ND	ND	ND
G59.5-0-3.25'MSD	0-3.25	11/4/04	11/11/04	8,745	ND	ND	ND	ND	8,745	ND	ND	ND
G60-0.5-3	0.5-3	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
HG56.75-0-1.5	0-1.5	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
H1-0.5-0.65	0.5-0.65	12/28/04	1/6/05	7,580	ND	ND	ND	ND	7,580	ND	ND	ND
H13-0.5-0.9	0.5-0.9	12/28/04	1/8/05	3,830	ND	ND	ND	ND	3,830	ND	ND	ND

Landscaped Area
Polychlorinated Biphenyls

Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
RCS-1				**2,000**	~	~	~	~	~	~	~	~
Turnkey Acceptance Limit				**50,000**	~	~	~	~	~	~	~	~
UCL				**100,000**	~	~	~	~	~	~	~	~
H14-0.5-1.25	0.5-1.25	10/14/04	10/21/04	6,380	ND	ND	ND	ND	6,380	ND	ND	ND
H15-0.5-1.3	0.5-1.3	10/14/04	10/21/04	5,870	ND	ND	ND	ND	5,870	ND	ND	ND
H21-0.5-1.2	0.5-1.2	10/14/04	10/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
H22-0.5-1.3	0.5-1.3	10/14/04	10/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
H26-0.5-1	0.5-1	10/14/04	10/21/04	5,210	ND	ND	ND	ND	5,210	ND	ND	ND
H50-0.5-1.25	0.5-1.25	10/14/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
Duplicate 162 (H50-0.5-1.25')	0.5-1.25	10/14/04	10/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
H51-0-1.5	0-1.5	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
H52-0-1	0-1	11/11/04	11/17/04	18,800	ND	ND	ND	ND	18,800	ND	ND	ND
H54-0-3	0-3	11/11/04	11/17/04	4,170	ND	ND	ND	ND	4,170	ND	ND	ND
H55-0-3	0-3	11/11/04	11/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
H56-0-2	0-2	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
H57-0-2	0-2	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
H58-0-3	0-3	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
H59-0-2.5	0-2.5	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
H59.5-0-2	0-2	11/4/04	11/11/04	8,900	ND	ND	ND	ND	8,900	ND	ND	ND
H60-0-2.5	0-2.5	11/4/04	11/12/04	47,700	ND	ND	ND	ND	47,700	ND	ND	ND
I1-0.5-0.7	0.5-0.7	12/28/04	1/6/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
I13-0.5-0.75	0.5-0.75	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
I14-0.5-1.25	0.5-1.25	12/28/04	1/8/05	4,200	ND	ND	ND	ND	4,200	ND	ND	ND
I26-0.5-1.1	0.5-1.1	10/14/04	10/21/04	2,630	ND	ND	ND	ND	2,630	ND	ND	ND
I50-0.5-1	0.5-1	10/14/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
I51-0-1.75	0-1.75	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
I52-0-1.75	0-1.75	11/11/04	11/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
I56-0-1'	0-1	2/16/05	2/17/05	2,150	ND	ND	ND	ND	2,150	ND	ND	ND
I56-1-3'	1-3	2/16/05	2/17/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
I57-0-1'	0-1	2/16/05	2/17/05	1,725	ND	ND	ND	ND	1,725	ND	ND	ND
I57-1-3'	1-3	2/16/05	2/17/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
I58-0-1'	0-1	2/16/05	2/17/05	420	ND	ND	ND	ND	420	ND	ND	ND
I58-1-3'	1-3	2/16/05	2/17/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
I59-0-1'	0-1	2/16/05	2/17/05	32,600	ND	ND	ND	ND	32,600	ND	ND	ND
I59-1-3'	1-3	2/16/05	2/17/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
I60-0-1'	0-1	2/16/05	2/17/05	9,450	ND	ND	ND	ND	9,450	ND	ND	ND
I60-1-3'	1-3	2/16/05	2/17/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
J1-0.5-0.7	0.5-0.7	12/28/04	1/6/05	4,390	ND	ND	ND	ND	4,390	ND	ND	ND
J21-0.5-1	0.5-1	10/14/04	10/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
J26-0.5-1	0.5-1	10/14/04	10/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
J50-0.5-0.7	0.5-0.7	10/14/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
J51-0-1	0-1	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
J52-0-0.75	0-0.75	11/11/04	11/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
J58-0-1'	0-1	2/16/05	2/17/05	760	ND	ND	ND	ND	760	ND	ND	ND
J58-1-3'	1-3	2/16/05	2/17/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
J59-0-1'	0-1	2/16/05	2/17/05	49,000	ND	ND	ND	ND	49,000	ND	ND	ND

Landscaped Area
Polychlorinated Biphenyls

Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
RCS-1				**2,000**	~	~	~	~	~	~	~	~
Turnkey Acceptance Limit				**50,000**	~	~	~	~	~	~	~	~
UCL				**100,000**	~	~	~	~	~	~	~	~
J59-1-3'	1-3	2/16/05	2/17/05	490	ND	ND	ND	ND	490	ND	ND	ND
J60-0-1'	0-1	2/16/05	2/17/05	2,360	ND	ND	ND	ND	2,360	ND	ND	ND
J60-1-3'	1-3	2/16/05	2/17/05	550	ND	ND	ND	ND	550	ND	ND	ND
K1-0.5-0.7	0.5-0.7	12/28/04	1/6/05	11,900	ND	ND	ND	ND	11,900	ND	ND	ND
K8-0.5-0.55	0.5-0.65	12/28/04	1/6/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
K9-0.5-0.9	0.5-0.9	12/28/04	1/6/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
K10-0.5-1.1	0.5-1.1	12/28/04	1/6/05	3,530	ND	ND	ND	ND	3,530	ND	ND	ND
K12-0.5-1.2	0.5-1.2	12/28/04	1/6/05	6,010	ND	ND	ND	ND	6,010	ND	ND	ND
K13-0.5-1.7	0.5-1.7	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
K14-0.5-1.15	0.5-1.15	12/28/04	1/8/05	13,800	ND	ND	ND	ND	13,800	ND	ND	ND
K51-0-0.75	0-0.75	11/4/04	11/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
K60-0-1'	0-1	2/16/05	2/17/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
K60-1-3'	1-3	2/16/05	2/17/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
L1-0.5-0.75	0.5-0.75	12/28/04	1/6/05	1,090	ND	ND	ND	ND	1,090	ND	ND	ND
L9-0.5-0.75	0.5-0.75	12/28/04	1/6/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
L10-0.5-1.1	0.5-1.1	12/28/04	1/6/05	7,170	ND	ND	ND	ND	7,170	ND	ND	ND
L12-0.5-1	0.5-1	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
L13-0.5-1.5	0.5-1.5	12/28/04	1/8/05	5,020	ND	ND	ND	ND	5,020	ND	ND	ND
L14-0.5-1.75	0.5-1.75	12/28/04	1/8/05	4,210	ND	ND	ND	ND	4,210	ND	ND	ND
L60-0-1'	0-1	2/16/05	2/17/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
L60-1-3'	1-3	2/16/05	2/17/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
M12-0.5-0.8	0.5-0.8	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
M14-0.5-1.25	0.5-1.25	12/28/04	1/8/05	8,350	ND	ND	ND	ND	8,350	ND	ND	ND
M53-0-2	0-2	11/11/04	11/17/04	4,260	ND	ND	ND	ND	4,260	ND	ND	ND
N1-0.5-1.2	0.5-1.2	12/28/04	1/6/05	5,020	ND	ND	ND	ND	5,020	ND	ND	ND
Duplicate 206 (N1-0.5-1.2)	0.5-1.2	12/28/04	1/8/05	5,460	ND	ND	ND	ND	5,460	ND	ND	ND
N2-0.5-1.4	0.5-1.4	12/28/04	1/6/05	4,940	ND	ND	ND	ND	4,940	ND	ND	ND
N3-0.5-1.3	0.5-1.3	12/28/04	1/6/05	4,910	ND	ND	ND	ND	4,910	ND	ND	ND
N4-0.5-0.75	0.5-0.75	12/28/04	1/6/05	3,250	ND	ND	ND	ND	3,250	ND	ND	ND
N12-0.5-0.9	0.5-0.9	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
N13-0.5-1.5	0.5-1.5	12/28/04	1/8/05	3,260	ND	ND	ND	ND	3,260	ND	ND	ND
N14-0.5-1	0.5-1	12/28/04	1/8/05	11,200	ND	ND	ND	ND	11,200	ND	ND	ND
N15-0.5-1	0.5-1	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
N42-0.5-1.7	0.5-1.7	10/14/04	10/20/04	21,700	ND	ND	ND	ND	21,700	ND	ND	ND
N43-0.5-0.7	0.5-0.7	10/14/04	10/20/04	1,740	ND	ND	ND	ND	1,740	ND	ND	ND
N53-0-2.5	0-2.5	11/11/04	11/17/04	6,370	ND	ND	ND	ND	6,370	ND	ND	ND
O13-0.5-1.1	0.5-1.1	12/28/04	1/8/05	11,100	ND	ND	ND	ND	11,100	ND	ND	ND
O14-0.5-1	0.5-1	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
O15-0.5-1.75	0.5-1.75	12/28/04	1/8/05	14,800	ND	ND	ND	ND	14,800	ND	ND	ND
O15-0.5-1.75MS	0.5-1.75	12/28/04	1/8/05	30,500	ND	ND	ND	ND	30,500	ND	ND	ND
O15-0.5-1.75MSD	0.5-1.75	12/28/04	1/8/05	24,800	ND	ND	ND	ND	24,800	ND	ND	ND
O42-0.5-1.6	0.5-1.6	10/14/04	10/20/04	13,000	ND	ND	ND	ND	13,000	ND	ND	ND
O43-0.5-0.6	0.5-0.6	10/14/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

McCoy Field
Project No. 02685

Landscaped Area
Polychlorinated Biphenyls

				Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
O53-0-3.5	0-3.5	11/11/04	11/17/04	4,300	ND	ND	ND	ND	4,300	ND	ND	ND
P11-0.5-0.9	0.5-0.9	12/28/04	1/6/05	11,800	ND	ND	ND	ND	11,800	ND	ND	ND
P13-0.5-1.0	0.5-1.0	12/28/04	1/8/05	17,900	ND	ND	ND	ND	17,900	ND	ND	ND
P14-0.5-1.35	0.5-1.35	12/28/04	1/8/05	8,820	ND	ND	ND	ND	8,820	ND	ND	ND
Duplicate 204 (P14-0.5-1.35)	0.5-1.35	12/28/04	1/8/05	12,300	ND	ND	ND	ND	12,300	ND	ND	ND
P15-0.5-0.75	0.5-0.75	12/28/04	1/8/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
P25-0.5-1.75	0.5-1.75	10/14/04	10/21/04	3,040	ND	ND	ND	ND	3,040	ND	ND	ND
P26-0.5-1.6	0.5-1.6	10/14/04	10/20/04	8,280	ND	ND	ND	ND	8,280	ND	ND	ND
P27-0.5-1.5	0.5-1.5	10/14/04	10/20/04	1,730	ND	ND	ND	ND	1,730	ND	ND	ND
P28-0.5-1.2	0.5-1.2	10/14/04	10/20/04	3,460	ND	ND	ND	ND	3,460	ND	ND	ND
P29-0.5-0.7	0.5-0.7	10/14/04	10/20/04	9,180	ND	ND	ND	ND	9,180	ND	ND	ND
P31-0.5-1	0.5-1	10/14/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
P50-0.5-1.2	0.5-1.2	10/14/04	10/20/04	8,540	ND	ND	ND	ND	8,540	ND	ND	ND
P53-0-3.5	0-3.5	11/11/04	11/17/04	3,150	ND	ND	ND	ND	3,150	ND	ND	ND
Q53-Landscape-0-4	0-4	11/11/04	11/17/04	1,940	ND	ND	ND	ND	1,940	ND	ND	ND
Dup 189 (Landscape Comp 15)	--	11/11/04	11/17/04	7,280	ND	ND	ND	ND	7,280	ND	ND	ND

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC1	PC1-1-3'	1-3	06/11/04	06/19/04	5,290	ND	ND	ND	ND	5,290	ND	ND	ND
	PC1-3-6'	3-6	06/11/04	06/19/04	16,400	ND	ND	ND	ND	16,400	ND	ND	ND
PC2	PC2-1-3'	1-3	06/11/04	06/19/04	41,000	ND	ND	ND	ND	41,000	ND	ND	ND
	PC2-3-6'	3-6	06/11/04	06/19/04	13,700	ND	ND	ND	ND	13,700	ND	ND	ND
	PC2-1-3'	1-3	08/25/04	09/07/04	**338,000**	ND	ND	ND	ND	338,000	ND	ND	ND
	PC2-3-6'	3-6	08/25/04	09/01/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC2-A-1-3'	1-3	10/15/04	10/18/04	7,160	ND	ND	ND	ND	7,160	ND	ND	ND
	PC2-A-3-4.75'	3-4.75	10/15/04	10/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC2-B-1-3'	1-3	10/15/04	10/18/04	39,700	ND	ND	ND	ND	39,700	ND	ND	ND
	PC2-B-3-6'	3-6	10/15/04	10/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC2-C-1-3'	1-3	10/15/04	10/18/04	13,300	ND	ND	ND	ND	13,300	ND	ND	ND
	PC2-C-3-6'	3-6	10/15/04	10/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC2-C-3-6'MS	3-6	10/15/04	10/18/04	6,720	ND	ND	ND	ND	6,720	ND	ND	ND
	PC2-C-3-6'MSD	3-6	10/15/04	10/18/04	5,810	ND	ND	ND	ND	5,810	ND	ND	ND
	PC2-D-1-3'	1-3	10/15/04	10/18/04	40,900	ND	ND	ND	ND	40,900	ND	ND	ND
	PC2-D-3-6'	3-6	10/15/04	10/18/04	3,950	ND	ND	ND	ND	3,950	ND	ND	ND
PC3	PC3-1-3'	1-3	06/11/04	06/19/04	1,790	ND	ND	ND	ND	1,790	ND	ND	ND
	PC3-3-5.5'	3-5.5	06/11/04	06/19/04	3,820	ND	ND	ND	ND	3,820	ND	ND	ND
PC4	PC4-1-3'	1-3	06/11/04	06/19/04	3,160	ND	ND	ND	ND	3,160	ND	ND	ND
	PC4-3-5'	3-5	06/11/04	06/19/04	2,550	ND	ND	ND	ND	2,550	ND	ND	ND
PC5	PC5-1-3'	1-3	06/11/04	06/19/04	16,300	ND	ND	ND	ND	16,300	ND	ND	ND
	PC5-3-5.5'	3-5.5	06/11/04	06/19/04	16,900	ND	ND	ND	ND	16,900	ND	ND	ND
PC6	PC6-1-2'	1-2	06/11/04	06/19/04	4,910	ND	ND	ND	ND	4,910	ND	ND	ND
PC7	PC7-1-3'	1-3	06/11/04	06/19/04	11,800	ND	ND	ND	ND	11,800	ND	ND	ND
	PC7-3-5'	3-5	06/11/04	06/19/04	2,370	ND	ND	ND	ND	2,370	ND	ND	ND
PC8	PC8-1-4'	1-4	06/11/04	06/19/04	21,500	ND	ND	ND	ND	21,500	ND	ND	ND
PC9	PC9-1-3'	1-3	06/11/04	07/03/04	5,300	ND	ND	ND	ND	5,300	ND	ND	ND
	PC9-3-6'	3-6	06/11/04	07/03/04	7,610	ND	ND	ND	ND	7,610	ND	ND	ND
PC10	PC10-1-3'	1-3	06/11/04	06/19/04	5,140	ND	ND	ND	ND	5,140	ND	ND	ND
	Duplicate 36 (PC10-1-3')	1-3	06/11/04	07/11/04	10,100	ND	ND	ND	ND	10,100	ND	ND	ND
	PC10-3-6'	3-6	06/11/04	06/19/04	12,000	ND	ND	ND	ND	12,000	ND	ND	ND
	PC10-3-6'MS	3-6	06/11/04	06/19/04	10,300	ND	ND	ND	ND	10,300	ND	ND	ND
	PC10-3-6'MSD	3-6	06/11/04	06/19/04	11,800	ND	ND	ND	ND	11,800	ND	ND	ND
PC11	PC11-1-3'	1-3	06/11/04	06/19/04	15,100	ND	ND	ND	ND	15,100	ND	ND	ND
	PC11-3-5'	3-5	06/11/04	06/19/04	42,700	ND	ND	ND	ND	42,700	ND	ND	ND
PC12	PC12-1-3'	1-3	06/11/04	06/19/04	33,100	ND	ND	ND	ND	33,100	ND	ND	ND
	PC12-3-5'	3-5	06/11/04	06/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC13	PC13-1-3'	1-3	06/11/04	06/19/04	6,150	ND	ND	ND	ND	6,150	ND	ND	ND
	PC13-3-6'	3-6	06/11/04	06/19/04	5,080	ND	ND	ND	ND	5,080	ND	ND	ND
PC14	PC14-1-3'	1-3	06/11/04	06/19/04	5,350	ND	ND	ND	ND	5,350	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC14	PC14-3-6'	3-6	06/11/04	06/19/04	3,400	ND	ND	ND	ND	3,400	ND	ND	ND
PC15	PC15-1-2'	1-2	06/11/04	06/19/04	9,490	ND	ND	ND	ND	9,490	ND	ND	ND
PC16	PC16-1-2'	1-2	06/11/04	06/19/04	1,780	ND	ND	ND	ND	1,780	ND	ND	ND
PC17	PC17-1-2'	1-2	06/11/04	06/19/04	22,400	ND	ND	ND	ND	22,400	ND	ND	ND
PC18	PC18-1-3'	1-3	06/11/04	07/03/04	8,660	ND	ND	ND	ND	8,660	ND	ND	ND
	PC18-3-6'	3-6	06/11/04	07/03/04	3,100	ND	ND	ND	ND	3,100	ND	ND	ND
PC19	PC19-1-2'	1-2	06/11/04	07/03/04	5,760	ND	ND	ND	ND	5,760	ND	ND	ND
PC20	PC20-1-2'	1-2	06/11/04	07/03/04	5,680	ND	ND	ND	ND	5,680	ND	ND	ND
PC21	PC21-1-2'	1-2	06/11/04	07/07/04	26,800	ND	ND	ND	ND	26,800	ND	ND	ND
PC22	PC22-1-2'	1-2	06/11/04	07/11/04	16,100	ND	ND	ND	ND	16,100	ND	ND	ND
PC23	PC23-1-2'	1-2	06/11/04	07/11/04	6,540	ND	ND	ND	ND	6,540	ND	ND	ND
PC24	PC24-1-3'	1-3	06/11/04	07/11/04	5,630	ND	ND	ND	ND	5,630	ND	ND	ND
	Duplicate 38 (PC24-1-3')	1-3	06/11/04	07/11/04	4,230	ND	ND	ND	ND	4,230	ND	ND	ND
	PC24-3-6'	3-6	06/11/04	07/11/04	5,580	ND	ND	ND	ND	5,580	ND	ND	ND
	PC24-3-6'MS	3-6	06/11/04	07/11/04	12,600	ND	ND	ND	ND	12,600	ND	ND	ND
	PC24-3-6'MSDUP	3-6	06/11/04	07/11/04	11,700	ND	ND	ND	ND	11,700	ND	ND	ND
PC25	PC25-1-2'	1-2	06/11/04	07/03/04	6,440	ND	ND	ND	ND	6,440	ND	ND	ND
PC26	PC26-1-2'	1-2	06/11/04	07/04/04	5,060	ND	ND	ND	ND	5,060	ND	ND	ND
PC27	PC27-1-2'	1-2	06/11/04	07/04/04	26,900	ND	ND	ND	ND	26,900	ND	ND	ND
PC28	PC28-1-2'	1-2	06/11/04	07/04/04	10,500	ND	ND	ND	ND	10,500	ND	ND	ND
PC29	PC29-1-2'	1-2	06/11/04	07/11/04	7,940	ND	ND	ND	ND	7,940	ND	ND	ND
PC30	PC30-1-3'	1-3	06/11/04	07/09/04	6,820	ND	ND	ND	ND	6,820	ND	ND	ND
	PC30-3-6'	3-6	06/11/04	07/09/04	3,950	ND	ND	ND	ND	3,950	ND	ND	ND
PC31	PC31-1-2'	1-2	06/11/04	07/04/04	2,230	ND	ND	ND	ND	2,230	ND	ND	ND
PC32	PC32-1-2'	1-2	06/11/04	07/04/04	14,400	ND	ND	ND	ND	14,400	ND	ND	ND
PC33	PC33-1-3'	1-3	06/11/04	07/04/04	2,740	ND	ND	ND	ND	2,740	ND	ND	ND
	PC33-3-5.5'	1-5.5	06/11/04	07/04/04	27,000	ND	ND	ND	ND	27,000	ND	ND	ND
PC34	PC34-1-3'	1-3	06/11/04	07/11/04	18,300	ND	ND	ND	ND	18,300	ND	ND	ND
	PC34-3-6'	3-6	06/11/04	07/11/04	2,830	ND	ND	ND	ND	2,830	ND	ND	ND
PC35	PC35-1-2'	1-2	06/11/04	07/11/04	**57,100**	ND	ND	ND	ND	57,100	ND	ND	ND
PC36	PC36-1-2'	1-2	06/11/04	07/11/04	22,900	ND	ND	ND	ND	22,900	ND	ND	ND
PC37	PC37-1-3'	1-3	06/11/04	07/11/04	7,850	ND	ND	ND	ND	7,850	ND	ND	ND
	PC37-3-6'	3-6	06/11/04	07/11/04	24,300	ND	ND	ND	ND	24,300	ND	ND	ND
PC38	PC38-1-3'	1-3	06/11/04	07/04/04	34,600	ND	ND	ND	ND	34,600	ND	ND	ND
	PC38-3-5'	3-5	06/11/04	07/04/04	13,400	ND	ND	ND	ND	13,400	ND	ND	ND
PC39	PC39-1-3'	1-3	06/11/04	07/04/04	7,050	ND	ND	ND	ND	7,050	ND	ND	ND
	PC39-1-3'MS	1-3	06/11/04	07/04/04	10,300	ND	ND	ND	ND	10,300	ND	ND	ND
	PC39-1-3'MSDUP	1-3	06/11/04	07/04/04	17,500	ND	ND	ND	ND	17,500	ND	ND	ND
	Duplicate 39 (PC39-3-6')	3-6	06/11/04	07/11/04	29,000	ND	ND	ND	ND	29,000	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	PC39-3-6'	3-6	06/11/04	07/04/04	21,000	ND	ND	ND	ND	21,000	ND	ND	ND
PC40	PC40-1-3'	1-3	06/11/04	07/04/04	1,210	ND	ND	ND	ND	1,210	ND	ND	ND
	PC40-3-5.5'	3-5.5	06/11/04	07/04/04	33,400	ND	ND	ND	ND	33,400	ND	ND	ND
	PC40-1-4'	1-4	08/25/04	09/01/04	13,100	ND	ND	ND	ND	13,100	ND	ND	ND
	PC40-4-7'	4-7	08/25/04	09/01/04	33,400	ND	ND	ND	ND	33,400	ND	ND	ND
PC41	PC41-1-3'	1-3	06/11/04	07/04/04	1,310	ND	ND	ND	ND	1,310	ND	ND	ND
	PC41-3-6'	3-6	06/11/04	07/04/04	11,200	ND	ND	ND	ND	11,200	ND	ND	ND
	PC41-1-4'	1-4	08/25/04	09/01/04	25,200	ND	ND	ND	ND	25,200	ND	ND	ND
	PC41-4-7'	4-7	08/25/04	08/31/04	19,300	ND	ND	ND	ND	19,300	ND	ND	ND
PC42	PC42-1-3'	1-3	06/11/04	07/11/04	3,180	ND	ND	ND	ND	3,180	ND	ND	ND
	PC42-3-5'	3-5	06/11/04	07/11/04	**73,800**	ND	ND	ND	ND	73,800	ND	ND	ND
PC43	PC43-1-3'	1-3	06/11/04	07/11/04	16,300	ND	ND	ND	ND	16,300	ND	ND	ND
	PC43-3-6'	3-6	06/11/04	07/11/04	17,500	ND	ND	ND	ND	17,500	ND	ND	ND
PC44	PC44-1-3'	1-3	08/26/04	09/01/04	5,160	ND	ND	ND	ND	5,160	ND	ND	ND
PC45	PC45-1-2'	1-2	06/11/04	07/11/04	12,400	ND	ND	ND	ND	12,400	ND	ND	ND
PC46	PC46-1-3'	1-3	06/11/04	07/11/04	21,700	ND	ND	ND	ND	21,700	ND	ND	ND
	PC46-3-5.5'	3-5.5	06/11/04	07/11/04	31,900	ND	ND	ND	ND	31,900	ND	ND	ND
PC47	PC47-1-3'	1-3	06/11/04	07/11/04	36,200	ND	ND	ND	ND	36,200	ND	ND	ND
	PC47-3-6'	3-6	06/11/04	07/11/04	37,000	ND	ND	ND	ND	37,000	ND	ND	ND
PC48	PC48-1-2'	1-2	06/11/04	07/11/04	3,630	ND	ND	ND	ND	3,630	ND	ND	ND
PC49	PC49-1-2'	1-2	06/11/04	07/11/04	2,690	ND	ND	ND	ND	2,690	ND	ND	ND
PC50	PC50-1-3'	1-3	06/11/04	07/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC50-3-5'	3-5	06/11/04	07/11/04	3,620	ND	ND	ND	ND	3,620	ND	ND	ND
PC51	PC51-1-3'	1-3	6/14/04	7/12/04	7,570	ND	ND	ND	ND	7,570	ND	ND	ND
	PC51-1-3'MS	1-3	6/14/04	7/12/04	6,380	ND	ND	ND	ND	6,380	ND	ND	ND
	PC51-1-3'MSD	1-3	6/14/04	7/12/04	8,440	ND	ND	ND	ND	8,440	ND	ND	ND
	Duplicate 40 (PC51-3-6')	3-6	6/14/04	7/18/04	2,830	ND	ND	ND	ND	2,830	ND	ND	ND
	PC51-3-6'	3-6	6/14/04	7/12/04	3,900	ND	ND	ND	ND	3,900	ND	ND	ND
PC52	PC52-1-2'	1-2	6/14/04	7/12/04	17,600	ND	ND	ND	ND	17,600	ND	ND	ND
	PC52-3-6.5'	3-6.5	8/25/04	8/31/04	5,880	ND	ND	ND	ND	5,880	ND	ND	ND
PC53	PC53-1-2'	1-2	6/14/04	7/12/04	4,680	ND	ND	ND	ND	4,680	ND	ND	ND
PC54	PC54-1-3'	1-3	6/14/04	7/12/04	11,100	ND	ND	ND	ND	11,100	ND	ND	ND
	PC54-3-6'	3-6	6/14/04	7/12/04	30,000	ND	ND	ND	ND	30,000	ND	ND	ND
PC55	PC55-1-3'	1-3	6/14/04	7/12/04	13,400	ND	ND	ND	ND	13,400	ND	ND	ND
	PC55-3-6'	3-6	6/14/04	7/12/04	17,200	ND	ND	ND	ND	17,200	ND	ND	ND
PC56	PC56-1-2'	1-2	6/14/04	7/12/04	1,130	ND	ND	ND	ND	1,130	ND	ND	ND
PC57	PC57-1-2'	1-2	6/14/04	7/12/04	4,890	ND	ND	ND	ND	4,890	ND	ND	ND
	PC57-3-6.5'	3-6.5	8/25/04	9/7/04	38,000	ND	ND	ND	ND	38,000	ND	ND	ND
PC58	PC58-1-3'	1-3	6/14/04	7/12/04	15,500	ND	ND	ND	ND	15,500	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC58	PC58-3-6'	3-6	6/14/04	7/12/04	4,690	ND	ND	ND	ND	4,690	ND	ND	ND
PC59	PC59-1-3'	1-3	6/14/04	7/11/04	5,480	ND	ND	ND	ND	5,480	ND	ND	ND
	PC59-3-6'	3-6	6/14/04	7/11/04	3,990	ND	ND	ND	ND	3,990	ND	ND	ND
PC60	PC60-1-3'	1-3	6/14/04	7/12/04	13,800	ND	ND	ND	ND	13,800	ND	ND	ND
	PC60-3-6'	3-6	6/14/04	7/12/04	**215,000**	ND	ND	ND	ND	215,000	ND	ND	ND
	PC60-1-3'	1-3	8/25/04	8/31/04	18,900	ND	ND	ND	ND	18,900	ND	ND	ND
	PC60-3-6'	3-6	8/25/04	9/2/04	4,280	ND	ND	ND	ND	4,280	ND	ND	ND
	PC60-6-11'	6-11	9/20/04	9/22/04	33,000	ND	ND	ND	ND	33,000	ND	ND	ND
	PC60-A-1-3'	1-3	9/14/04	9/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC60-A-3-6'	3-6	9/14/04	9/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC60-A-6-8'	6-8	9/14/04	9/21/04	25,400	ND	ND	ND	ND	25,400	ND	ND	ND
	PC60-B-1-3'	1-3	9/14/04	9/21/04	20,100	ND	ND	ND	ND	20,100	ND	ND	ND
	PC60-B-3-6'	3-6	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC60-B-6-11'	6-11	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC60-C-1-3'	1-3	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC60-C-3-6'	3-6	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate 135 (PC60-C-3-6')	3-6	9/14/04	9/21/04	20,300	ND	ND	ND	ND	20,300	ND	ND	ND
	PC60-C-6-10'	6-10	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC60-D-1-3'	1-3	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC60-D-3-6'	3-6	9/14/04	9/24/04	10,600	ND	ND	ND	ND	10,600	ND	ND	ND
	PC60-D-6-10'	6-10	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC60-E-1-3'	1-3	9/9/04	9/18/04	30,400	ND	ND	ND	ND	30,400	ND	ND	ND
	PC60-E-3-6'	3-6	9/9/04	9/18/04	9,160	ND	ND	ND	ND	9,160	ND	ND	ND
	PC60-F-1-3'	1-3	9/9/04	9/18/04	31,400	ND	ND	ND	ND	31,400	ND	ND	ND
	PC60-F-3-6'	3-6	9/9/04	9/18/04	17,200	ND	ND	ND	ND	17,200	ND	ND	ND
	PC60-F-6-9'	6-9	9/9/04	9/14/04	**136,000**	ND	ND	ND	ND	136,000	ND	ND	ND
	PC60-G-6-11'	6-11	9/20/04	9/22/04	3,420	ND	ND	ND	ND	3,420	ND	ND	ND
	PC60-H-3-6'	3-6	9/20/04	9/22/04	4,620	ND	ND	ND	ND	4,620	ND	ND	ND
	PC60-H-6-11'	6-11	9/20/04	9/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC60 I-3-6	3-6	9/20/04	9/22/04	3,890	ND	ND	ND	ND	3,890	ND	ND	ND
	PC60 I-6-11	6-11	9/20/04	9/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC60 J-3-6	3-6	9/20/04	9/22/04	3,920	ND	ND	ND	ND	3,920	ND	ND	ND
	PC60 J-6-11	6-11	9/20/04	9/22/04	4,750	ND	ND	ND	ND	4,750	ND	ND	ND
	PC60 K-3-6	3-6	9/20/04	9/22/04	3,160	ND	ND	ND	ND	3,160	ND	ND	ND
	PC60 K-6-11	6-11	9/20/04	9/22/04	11,600	ND	ND	ND	ND	11,600	ND	ND	ND
	PC60 L-3-6	3-6	9/20/04	9/22/04	13,100	ND	ND	ND	ND	13,100	ND	ND	ND
	PC60 L-6-11	6-11	9/20/04	9/22/04	23,600	ND	ND	ND	ND	23,600	ND	ND	ND
	PC60 M-3-6	3-6	9/20/04	9/22/04	10,700	ND	ND	ND	ND	10,700	ND	ND	ND
	PC60 M-6-11	6-11	9/20/04	9/22/04	23,000	ND	ND	ND	ND	23,000	ND	ND	ND
PC61	PC61-1-3'	1-3	6/14/04	7/11/04	6,270	ND	ND	ND	ND	6,270	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC61	PC61-3-6'	3-6	6/14/04	7/11/04	11,100	ND	ND	ND	ND	11,100	ND	ND	ND
PC62	PC62-1-2'	1-2	6/14/04	7/12/04	8,940	ND	ND	ND	ND	8940	ND	ND	ND
	PC62-3-6.5'	3-6.5	8/26/04	8/31/04	14,200	ND	ND	ND	ND	14200	ND	ND	ND
PC63	PC63-1-2'	1-2	6/14/04	7/12/04	6,260	ND	ND	ND	ND	6260	ND	ND	ND
PC64	PC64-1-3'	1-3	6/14/04	7/19/04	4,050	ND	ND	ND	ND	4050	ND	ND	ND
	Duplicate 41 (PC63-1-3')	1-3	6/14/04	7/18/04	6,660	ND	ND	ND	ND	6660	ND	ND	ND
	PC64-3-6'MS	3-6	6/14/04	7/19/04	26,000	ND	ND	ND	ND	26000	ND	ND	ND
	PC64-3-6'MSD	3-6	6/14/04	7/19/04	37,000	ND	ND	ND	ND	37000	ND	ND	ND
	PC64-3-6'	3-6	6/14/04	7/19/04	31,500	ND	ND	ND	ND	31500	ND	ND	ND
PC65	PC65-1-3'	1-3	6/14/04	7/12/04	18,400	ND	ND	ND	ND	18400	ND	ND	ND
	PC65-3-6'	3-6	6/14/04	7/12/04	16,700	ND	ND	ND	ND	16700	ND	ND	ND
PC66	PC66-1-2'	1-2	6/14/04	7/12/04	3,480	ND	ND	ND	ND	3480	ND	ND	ND
PC67	PC67-1-2'	1-2	6/14/04	7/12/04	24,700	ND	ND	ND	ND	24700	ND	ND	ND
	PC67-3-6.5'	3-6.5	8/25/04	8/31/04	12,300	ND	ND	ND	ND	12300	ND	ND	ND
PC68	PC68-1-3'	1-3	6/14/04	7/12/04	5,470	ND	ND	ND	ND	5470	ND	ND	ND
	PC68-3-6'	3-6	6/14/04	7/12/04	11,600	ND	ND	ND	ND	11600	ND	ND	ND
PC69	PC69-1-3'	1-3	6/14/04	7/12/04	3,690	ND	ND	ND	ND	3690	ND	ND	ND
	PC69-3-6'	3-6	6/14/04	7/19/04	6,780	ND	ND	ND	ND	6780	ND	ND	ND
PC70	PC70-1-2'	1-2	6/14/04	7/19/04	13,500	ND	ND	ND	ND	13500	ND	ND	ND
PC71	PC71-1-2'	1-2	6/14/04	7/19/04	5,880	ND	ND	ND	ND	5880	ND	ND	ND
PC72	PC72-1-3'	1-3	6/14/04	7/19/04	11,700	ND	ND	ND	ND	11700	ND	ND	ND
	PC72-3-6'	3-6	6/14/04	7/19/04	4,560	ND	ND	ND	ND	4560	ND	ND	ND
PC73	PC73-1-3'	1-3	6/14/04	7/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC73-3-6'	3-6	6/14/04	7/19/04	3,690	ND	ND	ND	ND	3690	ND	ND	ND
PC74	PC74-1-2'	1-2	6/14/04	7/19/04	16,300	ND	ND	ND	ND	16300	ND	ND	ND
PC75	PC75-1-2'	1-2	6/14/04	7/18/04	9,100	ND	ND	ND	ND	9100	ND	ND	ND
PC76	PC76-1-3'	1-3	6/14/04	7/18/04	**52,200**	ND	ND	ND	ND	52200	ND	ND	ND
	PC76-1-3'MS	1-3	6/14/04	7/18/04	14,300	ND	ND	ND	ND	14300	ND	ND	ND
	PC76-1-3'MSD	1-3	6/14/04	7/18/04	10,100	ND	ND	ND	ND	10100	ND	ND	ND
	Duplicate 42 (PC76-3-5.5')	3-5.5	6/14/04	7/18/04	32,200	ND	ND	ND	ND	32200	ND	ND	ND
	PC76-3-5.5'	3-5.5	6/14/04	7/18/04	31,900	ND	ND	ND	ND	31900	ND	ND	ND
PC77	PC77-1-3'	1-3	6/14/04	7/18/04	**76,100**	ND	ND	ND	ND	76100	ND	ND	ND
	PC77-3-6'	3-6	6/14/04	7/18/04	7,160	ND	ND	ND	ND	7160	ND	ND	ND
PC78	PC78-1-3'	1-3	6/14/04	7/19/04	5,550	ND	ND	ND	ND	5550	ND	ND	ND
	PC78-3-6'	3-6	6/14/04	7/19/04	11,100	ND	ND	ND	ND	11100	ND	ND	ND
PC79	PC79-1-3'	1-3	6/14/04	7/19/04	5,120	ND	ND	ND	ND	5120	ND	ND	ND
	PC79-3-6'	3-6	6/14/04	7/19/04	6,120	ND	ND	ND	ND	6120	ND	ND	ND
PC80	PC80-1-3'	1-3	6/14/04	7/19/04	4,220	ND	ND	ND	ND	4220	ND	ND	ND
	PC80-3-6'	3-6	6/14/04	7/19/04	28,700	ND	ND	ND	ND	28700	ND	ND	ND

NOTES:
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~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC81	PC81-1-4.5	1-4.5	6/14/04	7/19/04	6,760	ND	ND	ND	ND	6760	ND	ND	ND
PC82	PC82-1-3'	1-3	6/14/04	7/19/04	12,300	ND	ND	ND	ND	12300	ND	ND	ND
	PC82-3-6'	3-6	6/14/04	7/19/04	26,900	ND	ND	ND	ND	26900	ND	ND	ND
PC83	PC83-1-3'	1-3	6/14/04	7/19/04	17,700	ND	ND	ND	ND	17700	ND	ND	ND
	PC83-3-6'	3-6	6/14/04	7/19/04	11,500	ND	ND	ND	ND	11500	ND	ND	ND
PC84	PC84-1-3'	1-3	6/14/04	7/19/04	15,300	ND	ND	ND	ND	15300	ND	ND	ND
	PC84-3-6'	3-6	6/14/04	7/19/04	6,940	ND	ND	ND	ND	6940	ND	ND	ND
PC85	PC85-1-3'	1-3	6/14/04	7/19/04	14,400	ND	ND	ND	ND	14400	ND	ND	ND
	PC85-3-6'	3-6	6/14/04	7/19/04	6,280	ND	ND	ND	ND	6280	ND	ND	ND
PC86	PC86-1-3'	1-3	6/14/04	7/19/04	8,220	ND	ND	ND	ND	8220	ND	ND	ND
	PC86-1-3'MS	1-3	6/14/04	7/18/04	6,030	ND	ND	ND	ND	6030	ND	ND	ND
	PC86-1-3'MSD	1-3	6/14/04	7/18/04	10,100	ND	ND	ND	ND	10100	ND	ND	ND
	Duplicate 43 (PC86-3-6')	3-6	6/14/04	7/18/04	21,400	ND	ND	ND	ND	21400	ND	ND	ND
	PC86-3-6'	3-6	6/14/04	7/19/04	14,300	ND	ND	ND	ND	14300	ND	ND	ND
PC87	PC87-1-3'	1-3	6/14/04	7/18/04	10,100	ND	ND	ND	ND	10100	ND	ND	ND
	PC87-3-6'	3-6	6/14/04	7/18/04	9,550	ND	ND	ND	ND	9550	ND	ND	ND
PC88	PC88-1-3'	1-3	6/30/04	7/31/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC88-3-6.5	3-6.5	6/30/04	7/31/04	9,920	ND	ND	ND	ND	9920	ND	ND	ND
PC89	PC89-1-3'	1-3	6/30/04	7/31/04	**94,100**	ND	ND	ND	ND	94100	ND	ND	ND
	PC89-A-1-3'	1-3	11/17/04	11/18/04	6,020	ND	ND	ND	ND	6020	ND	ND	ND
	PC89-B-1-3'	1-3	11/17/04	11/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC89-C-1-3'	1-3	11/17/04	11/18/04	2,160	ND	ND	ND	ND	2160	ND	ND	ND
PC90	PC90-1-3'	1-3	6/30/04	7/31/04	9,730	ND	ND	ND	ND	9730	ND	ND	ND
Elevator2	Elevator2-1-4'	1-4	11/17/04	11/18/04	12,600	ND	ND	ND	ND	12600	ND	ND	ND
	Elevator2-4-8'	4-8	11/17/04	11/18/04	25,600	ND	ND	ND	ND	25600	ND	ND	ND
	Elevator2-8-11'	8-11	11/17/04	11/18/04	2,410	ND	ND	ND	ND	2410	ND	ND	ND
PC91	PC91-1-3'	1-3	6/30/04	7/31/04	3,360	ND	ND	ND	ND	3360	ND	ND	ND
PC92	PC92-1-3'	1-3	6/30/04	8/2/04	11,500	ND	ND	ND	ND	11500	ND	ND	ND
PC93	PC93-1-3'	1-3	6/30/04	8/2/04	33,900	ND	ND	ND	ND	33900	ND	ND	ND
	PC93-3-6.5'	3-6.5	6/30/04	8/2/04	17,700	ND	ND	ND	ND	17700	ND	ND	ND
PC94	PC94-1-3'	1-3	6/30/04	8/2/04	2,870	ND	ND	ND	ND	2870	ND	ND	ND
PC95	PC95-1-3.5'	1-3.5	6/30/04	8/2/04	4,750	ND	ND	ND	ND	4750	ND	ND	ND
PC96	PC96-1-3'	1-3	6/30/04	8/2/04	12,100	ND	ND	ND	ND	12100	ND	ND	ND
PC97	PC97-1-3'	1-3	6/30/04	8/2/04	21,000	ND	ND	ND	ND	21000	ND	ND	ND
PC98	PC98-1-3'	1-3	6/30/04	7/31/04	13,000	ND	ND	ND	ND	13000	ND	ND	ND
	PC98-3-6.5'	3-6.5	6/30/04	7/31/04	6,900	ND	ND	ND	ND	6900	ND	ND	ND
PC99	PC99-1-3'	1-3	6/30/04	7/31/04	8,090	ND	ND	ND	ND	8090	ND	ND	ND
	PC99-1-3'MS	1-3	6/30/04	7/31/04	11,300	ND	ND	ND	ND	11300	ND	ND	ND
	PC99-1-3'MSD	1-3	6/30/04	7/31/04	12,400	ND	ND	ND	ND	12400	ND	ND	ND
	PC99-3-6.5'	3-6.5	6/30/04	7/31/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Duplicate 45 (PC99-3-6.5')	3-6.5	6/30/04	8/7/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC100	PC100-1-3'	1-3	6/30/04	8/2/04	**70,500**	ND	ND	ND	ND	70500	ND	ND	ND
	PC100-A-1-3'	1-3	11/17/04	11/18/04	2,740	ND	ND	ND	ND	2740	ND	ND	ND
	PC100-B-1-3'	1-3	11/17/04	11/18/04	6,810	ND	ND	ND	ND	6810	ND	ND	ND
	PC100-C-1-3'	1-3	11/17/04	11/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC101	PC101-1-3'	1-3	6/30/04	8/7/04	11,400	ND	ND	ND	ND	11400	ND	ND	ND
PC102	PC102-1-3'	1-3	6/30/04	8/7/04	13,900	ND	ND	ND	ND	13900	ND	ND	ND
	PC102-3-6.5'	1-3	6/30/04	8/7/04	4,880	ND	ND	ND	ND	4880	ND	ND	ND
PC103	PC103-1-3'	1-3	6/30/04	8/2/04	**49,100**	ND	ND	ND	ND	49100	ND	ND	ND
	PC103-3-6.5'	3-6.5	6/30/04	8/2/04	11,300	ND	ND	ND	ND	11300	ND	ND	ND
PC104	PC104-1-3'	1-3	6/30/04	8/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC105	PC105-1-3'	1-3	6/30/04	8/7/04	33,800	ND	ND	ND	ND	33800	ND	ND	ND
PC106	PC106-1-3'	1-3	6/30/04	8/7/04	5,180	ND	ND	ND	ND	5180	ND	ND	ND
PC107	PC107-1-3'	1-3	6/30/04	8/7/04	3,410	ND	ND	ND	ND	3410	ND	ND	ND
PC108	PC108-1-3.5'	1-3	6/30/04	8/7/04	1,840	ND	ND	ND	ND	1840	ND	ND	ND
Composite	PC1014-PC108	--	6/30/04	8/7/04	11,300	ND	ND	ND	ND	11300	ND	ND	ND
	PC1014-PC108MS	--	6/30/04	8/7/04	15,200	ND	ND	ND	ND	15200	ND	ND	ND
	PC1014-PC108MSD	--	6/30/04	8/7/04	12,600	ND	ND	ND	ND	12600	ND	ND	ND
PC109	PC109-1-3'	1-3	7/1/04	8/5/04	5,150	ND	ND	ND	ND	5150	ND	ND	ND
PC110	PC110-1-3'	1-3	7/1/04	8/5/04	14,500	ND	ND	ND	ND	14500	ND	ND	ND
PC111	PC111-1-3'	1-3	7/1/04	8/7/04	19,400	ND	ND	ND	ND	19400	ND	ND	ND
PC112	PC112-1-3'	1-3	7/1/04	8/5/04	11,400	ND	ND	ND	ND	11400	ND	ND	ND
PC113	PC113-1-3'	1-3	7/1/04	8/5/04	16,800	ND	ND	ND	ND	16800	ND	ND	ND
	PC113-3-6.5'	3-6.5	7/1/04	8/5/04	25,600	ND	ND	ND	ND	25600	ND	ND	ND
PC114	PC114-1-3'	1-3	7/1/04	8/5/04	9,700	ND	ND	ND	ND	9700	ND	ND	ND
	PC114-1-3'MS	1-3	7/1/04	8/5/04	18,700	ND	ND	ND	ND	18700	ND	ND	ND
	PC114-1-3'MSD	1-3	7/1/04	8/5/04	13,000	ND	ND	ND	ND	13000	ND	ND	ND
	PC114-3-6'	3-6	7/1/04	8/5/04	6,190	ND	ND	ND	ND	6190	ND	ND	ND
	Duplicate 47 (PC114-3-6')	3-6	7/1/04	8/11/04	6,670	ND	ND	ND	ND	6670	ND	ND	ND
PC115	PC115-1-3'	1-3	7/1/04	8/7/04	12,100	ND	ND	ND	ND	12100	ND	ND	ND
	PC115-3-6.5'	3-6.5	7/1/04	8/7/04	19,800	ND	ND	ND	ND	19800	ND	ND	ND
PC116	PC116-1-3'	1-3	7/1/04	8/8/04	5,490	ND	ND	ND	ND	5490	ND	ND	ND
	PC116-3-7'	3-7	7/1/04	8/8/04	9,710	ND	ND	ND	ND	9710	ND	ND	ND
PC117	PC117-1-3'	1-3	7/1/04	8/8/04	7,660	ND	ND	ND	ND	7660	ND	ND	ND
	PC117-3-7'	1-3	7/1/04	8/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC118	PC118-1-3'	1-3	7/1/04	8/8/04	5,100	ND	ND	ND	ND	5100	ND	ND	ND
	PC118-3-7'	3-7	7/1/04	8/8/04	8,840	ND	ND	ND	ND	8840	ND	ND	ND
PC119	PC119-1-3'	1-3	7/1/04	8/5/04	9,440	ND	ND	ND	ND	9440	ND	ND	ND
	PC119-3-6.5'	3-6.5	7/1/04	8/5/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC120	PC120-1-3'	1-3	7/1/04	8/5/04	9,240	ND	ND	ND	ND	9240	ND	ND	ND
	PC120-3-6.5'	3-6.5	7/1/04	8/5/04	3,770	ND	ND	ND	ND	3770	ND	ND	ND
PC121	PC121-1-3'	1-3	7/1/04	8/8/04	1,510	ND	ND	ND	ND	1510	ND	ND	ND
	PC121-3-6.5'	3-6.5	7/1/04	8/7/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC122	PC122-1-3'	1-3	7/1/04	8/7/04	3,880	ND	ND	ND	ND	3880	ND	ND	ND
	PC122-3-6'	3-6	7/1/04	8/7/04	**187,000**	ND	ND	ND	ND	187000	ND	ND	ND
	PC122-1-3'	1-3	8/26/04	9/1/04	2,400	ND	ND	ND	ND	2400	ND	ND	ND
	PC122-3-6.5'	3-6.5	8/26/04	9/8/04	**260,000**	ND	ND	ND	ND	260000	ND	ND	ND
	PC122-6-9'	6-9	9/9/04	9/14/04	**2,960,000**	ND	ND	ND	ND	2960000	ND	ND	ND
	PC122-A-1-3'	1-3	9/9/04	9/12/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-A-3-6'	3-6	9/9/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-A-6-9'	6-9	9/9/04	9/13/04	**113,000**	ND	ND	ND	ND	113000	ND	ND	ND
	PC122-B-1-3'	1-3	9/9/04	9/12/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-B-3-6'	3-6	9/9/04	9/12/04	39,700	ND	ND	ND	ND	39700	ND	ND	ND
	PC122-B-6-9'	6-9	9/9/04	9/12/04	**58,500**	ND	ND	ND	ND	58500	ND	ND	ND
	PC122-C-1-3'	1-3	9/9/04	9/12/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-C-3-6'	3-6	9/9/04	9/12/04	**80,200**	ND	ND	ND	ND	80200	ND	ND	ND
	PC122-C-6-9'	6-9	9/9/04	9/12/04	**65,800**	ND	ND	ND	ND	65800	ND	ND	ND
	PC122-D-1-3'	1-3	9/9/04	9/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-D-3-6'	3-6	9/9/04	9/13/04	**702,000**	ND	ND	ND	ND	702000	ND	ND	ND
	Duplicate 131 (PC122-D-3-6')	3-6	9/9/04	9/13/04	**544,000**	ND	ND	ND	ND	544000	ND	ND	ND
	PC122-D-6-9'	6-9	9/9/04	9/12/04	**83,800**	ND	ND	ND	ND	83800	ND	ND	ND
	PC122-E-1-3'	1-3	9/9/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-E-3-6'	3-6	9/9/04	9/13/04	**67,700**	ND	ND	ND	ND	67700	ND	ND	ND
	PC122-E-6-9'	6-9	9/9/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-F-1-3'	1-3	9/9/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-F-3-6'	3-6	9/9/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-F-6-9'	6-9	9/9/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-G-1-3'	1-3	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-G-3-6'	3-6	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-G-6-9'	6-9	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-H-1-3'	1-3	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC122-H-3-6'	3-6	9/9/04	9/14/04	**74,300**	ND	ND	ND	ND	74300	ND	ND	ND
	PC122-H-6-8.5'	6-8.5	9/9/04	9/14/04	22,300	ND	ND	ND	ND	22300	ND	ND	ND
	PC122-I-1-3'	1-3	10/15/04	10/27/04	8,410	ND	ND	ND	ND	8410	ND	ND	ND
	PC122-I-3-6'	3-6	10/15/04	10/19/04	**101,000**	ND	ND	ND	ND	101000	ND	ND	ND
	PC122-I-6-10.5'	6-10.5	10/15/04	10/19/04	36,000	ND	ND	ND	ND	36000	ND	ND	ND
	PC122-J-1-3'	1-3	10/15/04	10/27/04	1,700	ND	ND	ND	ND	1700	ND	ND	ND
	PC122-J-3-6'	3-6	10/15/04	10/19/04	**49,800**	ND	ND	ND	ND	49800	ND	ND	ND
	PC122-J-6-10.75'	6-10.75	10/15/04	10/19/04	7,900	ND	ND	ND	ND	7900	ND	ND	ND
	PC122-K-3-6'	3-6	10/15/04	10/19/04	17,300	ND	ND	ND	ND	17300	ND	ND	ND

NOTES:
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~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	PC122-K-6-6.25'	6-6.25	10/15/04	10/19/04	32,200	ND	ND	ND	ND	32200	ND	ND	ND
	PC122-L-1-3'	1-3	10/15/04	10/19/04	9,460	ND	ND	ND	ND	9460	ND	ND	ND
	PC122-L-3-6'	3-6	10/15/04	10/19/04	**1,020,000**	ND	ND	ND	ND	1020000	ND	ND	ND
	PC122-L-6-10.75'	6-10.75	10/15/04	10/19/04	**66,800**	ND	ND	ND	ND	66800	ND	ND	ND
	PC122-M-1-3'	1-3	10/15/04	10/20/04	5,320	ND	ND	ND	ND	5320	ND	ND	ND
	PC122-M-3-6'	3-6	10/15/04	10/20/04	**269,000**	ND	ND	ND	ND	269000	ND	ND	ND
	PC122-M-6-10.5'	6-10.5	10/15/04	10/20/04	7,990	ND	ND	ND	ND	7990	ND	ND	ND
	PC122-N-3-6'	3-6	10/28/04	10/30/04	10,700	ND	ND	ND	ND	10700	ND	ND	ND
	PC122-O-1-3'	1-3	10/28/04	11/7/04	4,430	ND	ND	ND	ND	4430	ND	ND	ND
	PC122-O-3-6'	3-6	10/28/04	10/30/04	**134,000**	ND	ND	ND	ND	134000	ND	ND	ND
	PC122-O-6-9.5'	6-9.5	10/28/04	11/7/04	3,770	ND	ND	ND	ND	3770	ND	ND	ND
	PC122-P-3-6'	3-6	10/28/04	10/30/04	**68,200**	ND	ND	ND	ND	68200	ND	ND	ND
	PC122-Q-3-6'	3-6	10/28/04	10/30/04	25,100	ND	ND	ND	ND	25100	ND	ND	ND
	PC122-R-3-6'	3-6	10/28/04	10/30/04	**89,400**	ND	ND	ND	ND	89400	ND	ND	ND
	PC122-S-3-6'	3-6	10/28/04	10/30/04	**62,000**	ND	ND	ND	ND	62000	ND	ND	ND
	PC122-T-3-6'	3-6	10/28/04	10/30/04	5,090	ND	ND	ND	ND	5090	ND	ND	ND
	PC122-U-3-6'	3-6	11/2/04	11/3/04	**60,300**	ND	ND	ND	ND	60300	ND	ND	ND
	PC122-V-1-3'	1-3	11/2/04	11/10/04	14,300	ND	ND	ND	ND	14300	ND	ND	ND
	PC122-V-3-6'	3-6	11/2/04	11/3/04	**127,000**	ND	ND	ND	ND	127000	ND	ND	ND
	Duplicate 180 (PC122-V-3-6')	3-6	11/2/04	11/3/04	**146,000**	ND	ND	ND	ND	146000	ND	ND	ND
	PC122-V-6-10'	6-10	11/2/04	11/10/04	6,790	ND	ND	ND	ND	6790	ND	ND	ND
	PC122-W-3-6'	3-6	11/2/04	11/3/04	21,400	ND	ND	ND	ND	21400	ND	ND	ND
	PC122-X-3-6'	3-6	12/2/04	12/4/04	11,100	ND	ND	ND	ND	11100	ND	ND	ND
	PC122-Y-3-6'	3-6	12/2/04	12/4/04	23,100	ND	ND	ND	ND	23100	ND	ND	ND
	PC122-Z-3-6'	3-6	12/2/04	12/4/04	1,960	ND	ND	ND	ND	1960	ND	ND	ND
PC123	PC123-1-3'	1-3	7/1/04	8/8/04	1,280	ND	ND	ND	ND	1280	ND	ND	ND
	PC123-3-7'	3-7	7/1/04	8/8/04	9,030	ND	ND	ND	ND	9030	ND	ND	ND
PC124	PC124-1-3'	1-3	7/1/04	8/8/04	9,740	ND	ND	ND	ND	9740	ND	ND	ND
	Duplicate 48 (PC124-1-3')	1-3	7/1/04	8/11/04	9,360	ND	ND	ND	ND	9360	ND	ND	ND
	PC124-3-7'	3-7	7/1/04	8/8/04	3,720	ND	ND	ND	ND	3720	ND	ND	ND
	PC124-3-7'MS	3-7	7/1/04	8/8/04	6,680	ND	ND	ND	ND	6680	ND	ND	ND
	PC124-3-7'MSD	3-7	7/1/04	8/8/04	13,700	ND	ND	ND	ND	13700	ND	ND	ND
PC125	PC125-1-3'	1-3	7/1/04	8/5/04	8,280	ND	ND	ND	ND	8280	ND	ND	ND
	PC125-3-6.5'	3-6.5	7/1/04	8/5/04	5,050	ND	ND	ND	ND	5050	ND	ND	ND
PC126	PC126-1-3'	1-3	7/1/04	8/7/04	8,910	ND	ND	ND	ND	8910	ND	ND	ND
	PC126-3-6'	3-6	7/1/04	8/7/04	9,640	ND	ND	ND	ND	9640	ND	ND	ND
PC127	PC127-1-3'	1-3	7/1/04	8/8/04	9,670	ND	ND	ND	ND	9670	ND	ND	ND
	PC127-3-6.5'	3-6.5	7/1/04	8/8/04	23,900	ND	ND	ND	ND	23900	ND	ND	ND
PC128	PC128-1-3'	1-3	7/1/04	8/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC128-3-7'	3-7	7/1/04	8/11/04	2,400	ND	ND	ND	ND	2400	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC129	PC129-1-3'	1-3	7/1/04	8/11/04	26,600	ND	ND	ND	ND	26600	ND	ND	ND
	PC129-3-7'	3-7	7/1/04	8/11/04	8,800	ND	ND	ND	ND	8800	ND	ND	ND
PC130	PC130-1-3'	1-3	7/1/04	8/11/04	11,400	ND	ND	ND	ND	11400	ND	ND	ND
	PC130-3-7'	3-7	7/1/04	8/11/04	6,320	ND	ND	ND	ND	6320	ND	ND	ND
PC131	PC131-1-3'	1-3	7/1/04	8/11/04	23,600	ND	ND	ND	ND	23600	ND	ND	ND
	PC131-3-6.5'	3-6.5	7/1/04	8/11/04	10,400	ND	ND	ND	ND	10400	ND	ND	ND
PC132	PC132-1-3'	1-3	7/1/04	8/10/04	9,730	ND	ND	ND	ND	9730	ND	ND	ND
	PC132-3-6.5'	3-6.5	7/1/04	8/10/04	5,420	ND	ND	ND	ND	5420	ND	ND	ND
PC133	PC133-1-3'	1-3	7/1/04	8/10/04	11,200	ND	ND	ND	ND	11200	ND	ND	ND
	PC133-3-6.5'	3-6.5	7/1/04	8/10/04	8,600	ND	ND	ND	ND	8600	ND	ND	ND
PC134	PC134-1-3'	1-3	7/1/04	8/7/04	2,750	ND	ND	ND	ND	2750	ND	ND	ND
	PC134-1-3'MS	1-3	7/1/04	8/7/04	9,120	ND	ND	ND	ND	9120	ND	ND	ND
	PC134-1-3'MSD	1-3	7/1/04	8/7/04	6,250	ND	ND	ND	ND	6250	ND	ND	ND
	PC134-3-6'	3-6	7/1/04	8/7/04	13,100	ND	ND	ND	ND	13100	ND	ND	ND
	Duplicate 49 (PC134-3-6')	3-6	7/1/04	8/11/04	8,290	ND	ND	ND	ND	8290	ND	ND	ND
PC135	PC135-1-3'	1-3	7/1/04	8/11/04	5,900	ND	ND	ND	ND	5900	ND	ND	ND
	PC135-3-6.5'	3-6.5	7/1/04	8/11/04	4,790	ND	ND	ND	ND	4790	ND	ND	ND
	PC135-1-3'	1-3	8/26/04	9/1/04	13,800	ND	ND	ND	ND	13800	ND	ND	ND
	PC135-3-6.5'	3-6.5	8/26/04	9/1/04	25,000	ND	ND	ND	ND	25000	ND	ND	ND
PC136	PC136-1-3'	1-3	7/1/04	8/11/04	27,000	ND	ND	ND	ND	27000	ND	ND	ND
PC137	PC137-1-3'	1-3	7/1/04	8/10/04	24,900	ND	ND	ND	ND	24900	ND	ND	ND
PC138	PC138-1-3'	1-3	7/1/04	8/10/04	9,690	ND	ND	ND	ND	9690	ND	ND	ND
PC139	PC139-1-3'	1-3	7/1/04	8/7/04	9,800	ND	ND	ND	ND	9800	ND	ND	ND
	PC139-3-6'	3-6	7/1/04	8/7/04	10,800	ND	ND	ND	ND	10800	ND	ND	ND
PC140	PC140-1-3'	1-3	7/1/04	8/11/04	7,790	ND	ND	ND	ND	7790	ND	ND	ND
PC141	PC141-3.5'	1-3.5	7/1/04	8/11/04	12,500	ND	ND	ND	ND	12500	ND	ND	ND
PC142	PC142-1-3.5'	1-3.5	7/1/04	8/11/04	8,220	ND	ND	ND	ND	8220	ND	ND	ND
	PC142-3.5-7'	3.5-7	11/17/04	11/18/04	17,400	ND	ND	ND	ND	17400	ND	ND	ND
PC143	PC143-1-3'	1-3	7/1/04	8/11/04	8,440	ND	ND	ND	ND	8440	ND	ND	ND
	PC143-3-6.5'	3-6.5	7/1/04	8/11/04	6,140	ND	ND	ND	ND	6140	ND	ND	ND
	PC143-1-3'	1-3	8/26/04	9/1/04	2,160	ND	ND	ND	ND	2160	ND	ND	ND
	PC143-3-6.5'	3-6.5	8/26/04	9/1/04	23,500	ND	ND	ND	ND	23500	ND	ND	ND
PC144	PC144-1-3'	1-3	7/1/04	8/11/04	7,010	ND	ND	ND	ND	7010	ND	ND	ND
	PC144-3-7'	3-7	11/17/04	11/18/04	3,700	ND	ND	ND	ND	3700	ND	ND	ND
PC145	PC145-1-3'	1-3	7/1/04	8/11/04	2,490	ND	ND	ND	ND	2490	ND	ND	ND
	PC145-3-7'	3-7	11/17/04	11/18/04	3,970	ND	ND	ND	ND	3970	ND	ND	ND
PC146	PC146-1-3.5'	1-3.5	7/1/04	8/10/04	1,690	ND	ND	ND	ND	1690	ND	ND	ND
	PC146-3.5-7'	3.5-7	11/17/04	11/18/04	8,250	ND	ND	ND	ND	8250	ND	ND	ND
	PC147-1-3'	1-3	7/1/04	8/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate 50 (PC147-1-3')	1-3	7/1/04	8/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC147	PC147-3-6'	3-6	7/1/04	8/10/04	3,420	ND	ND	ND	ND	3420	ND	ND	ND
	PC147-3-6'MS	3-6	7/1/04	8/10/04	5,830	ND	ND	ND	ND	5830	ND	ND	ND
	PC147-3-6'MSD	3-6	7/1/04	8/10/04	5,440	ND	ND	ND	ND	5440	ND	ND	ND
PC148	PC148-1-3'	1-3	7/1/04	8/11/04	19,200	ND	ND	ND	ND	19200	ND	ND	ND
	PC148-3-7'	3-7	11/17/04	11/18/04	19,700	ND	ND	ND	ND	19700	ND	ND	ND
PC149	PC149-1-3.5'	1-3.5	7/1/04	8/10/04	26,400	ND	ND	ND	ND	26400	ND	ND	ND
	PC149-3.5-7'	3.5-7	11/17/04	11/18/04	7,170	ND	ND	ND	ND	7170	ND	ND	ND
PC150	PC150-1-3'	1-3	7/1/04	8/10/04	19,800	ND	ND	ND	ND	19800	ND	ND	ND
PC151	PC151-1-3'	1-3	7/1/04	8/10/04	2,800	ND	ND	ND	ND	2800	ND	ND	ND
PC152	PC152-1-3'	1-3	7/1/04	8/10/04	46,000	ND	ND	ND	ND	46000	ND	ND	ND
PC153	PC153-1-3'	1-3	8/25/04	9/2/04	16,500	ND	ND	ND	ND	16500	ND	ND	ND
	PC153-3-6'	3-6	8/25/04	9/1/04	4,450	ND	ND	ND	ND	4450	ND	ND	ND
PC154	PC154-1-5'	1-5	7/20/04	8/31/04	28,500	ND	ND	ND	ND	28500	ND	ND	ND
	PC154-5-6.5'	5-6.5	11/17/04	11/18/04	10,700	ND	ND	ND	ND	10700	ND	ND	ND
PC155	PC155-1-3'	1-3	7/20/04	8/31/04	5,280	ND	ND	ND	ND	5280	ND	ND	ND
	PC155-3-5.5'	3-5.5	7/20/04	8/31/04	8,830	ND	ND	ND	ND	8830	ND	ND	ND
	PC155-5.5-7'	5.5-7	11/17/04	11/18/04	9,200	ND	ND	ND	ND	9200	ND	ND	ND
PC156	PC156-1-3'	1-3	7/20/04	8/31/04	9,270	ND	ND	ND	ND	9270	ND	ND	ND
PC157	PC157-1-3.5'	1-3.5	7/20/04	8/14/04	12,500	ND	ND	ND	ND	12500	ND	ND	ND
PC158	PC158-1-3'	1-3	7/20/04	8/31/04	11,300	ND	ND	ND	ND	11300	ND	ND	ND
	PC158-3-6.5'	3-6.5	7/20/04	8/31/04	27,800	ND	ND	ND	ND	27800	ND	ND	ND
PC159	PC159-1-4'	1-4	7/20/04	8/31/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC159-4-7'	4-7	7/20/04	8/31/04	1,430	ND	ND	ND	ND	1430	ND	ND	ND
PC160	PC160-1-4'	1-4	7/20/04	8/14/04	1,840	ND	ND	ND	ND	1840	ND	ND	ND
	Duplicate 51 (PC160-1-4')	1-4	7/20/04	9/4/04	2,883	ND	ND	ND	ND	2883	ND	ND	ND
	PC160-4-7'	4-7	7/20/04	8/14/04	5,640	ND	ND	ND	ND	5640	ND	ND	ND
	PC160-4-7'MS	4-7	7/20/04	8/14/04	12,400	ND	ND	ND	ND	12400	ND	ND	ND
	PC160-4-7'MSD	4-7	7/20/04	8/13/04	14,200	ND	ND	ND	ND	14200	ND	ND	ND
PC161	PC161-1-3'	1-3	7/20/04	8/13/04	2,620	ND	ND	ND	ND	2620	ND	ND	ND
	PC161-3-6.5'	3-6.5	7/20/04	8/13/04	3,850	ND	ND	ND	ND	3850	ND	ND	ND
PC162	PC162-1-3'	1-3	7/20/04	8/31/04	3,910	ND	ND	ND	ND	3910	ND	ND	ND
	PC162-3-6.5'	3-6.5	7/20/04	8/13/04	2,144	ND	ND	ND	ND	2144	ND	ND	ND
PC163	PC163-1-4'	1-4	7/20/04	8/31/04	8,840	ND	ND	ND	ND	8840	ND	ND	ND
	PC163-4-7'	4-7	7/20/04	8/31/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC164-1-3'	1-3	7/20/04	8/31/04	**107,200**	ND	ND	ND	ND	107200	ND	ND	ND
	PC164-3-6.5'	3-6.5	7/20/04	8/31/04	9,194	ND	ND	ND	ND	9194	ND	ND	ND
	PC164-A-1-3'	1-3	10/28/04	10/30/04	20,800	ND	ND	ND	ND	20800	ND	ND	ND
	PC164-A-3-6.5'	3-6.5	10/28/04	10/30/04	1,350	ND	ND	ND	ND	1350	ND	ND	ND
	PC164-B-1-3'	1-3	10/28/04	10/30/04	12,200	ND	ND	ND	ND	12200	ND	ND	ND
	PC164-B-3-6.5'	3-6.5	10/28/04	10/30/04	2,650	ND	ND	ND	ND	2650	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC164	PC164-C-1-3'	1-3	10/28/04	10/30/04	8,620	ND	ND	ND	ND	8620	ND	ND	ND
	Duplicate 173 (PC164-C-1-3'	1-3	10/28/04	10/30/04	9,840	ND	ND	ND	ND	9840	ND	ND	ND
	PC164-C-3-6.5'	3-6.5	10/28/04	10/30/04	2,260	ND	ND	ND	ND	2260	ND	ND	ND
	PC164-C-3-6.5'MS	3-6.5	10/28/04	10/30/04	2,070	ND	ND	ND	ND	2070	ND	ND	ND
	PC164-C-3-6.5'MSD	3-6.5	10/28/04	10/30/04	2,460	ND	ND	ND	ND	2460	ND	ND	ND
	PC164-D-1-3'	1-3	10/28/04	10/30/04	**50,300**	ND	ND	ND	ND	50300	ND	ND	ND
	PC164-D-3-6.5'	3-6.5	10/28/04	10/30/04	2,480	ND	ND	ND	ND	2480	ND	ND	ND
	PC164-E-1-3'	1-3	12/2/04	12/4/04	11,200	ND	ND	ND	ND	11200	ND	ND	ND
	PC164-F-1-3'	1-3	12/2/04	12/4/04	11,200	ND	ND	ND	ND	11200	ND	ND	ND
PC165	PC165-1-3'	1-3	8/25/04	9/1/04	5,110	ND	ND	ND	ND	5110	ND	ND	ND
	PC165-3-6'	3-6	8/25/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC166	PC166-1-4'	1-4	7/20/04	8/31/04	4,740	ND	ND	ND	ND	4740	ND	ND	ND
	PC166-4-7'	1-4	7/20/04	8/31/04	2,410	ND	ND	ND	ND	2410	ND	ND	ND
PC167	PC167-1-3'	1-3	7/20/04	8/31/04	4,870	ND	ND	ND	ND	4870	ND	ND	ND
	PC167-3-6.5'	3-6.5	7/20/04	8/31/04	3,750	ND	ND	ND	ND	3750	ND	ND	ND
PC168	PC168-1-3'	1-3	7/20/04	8/31/04	5,590	ND	ND	ND	ND	5590	ND	ND	ND
	PC168-3-6.5'	3-6.5	7/20/04	8/31/04	22,000	ND	ND	ND	ND	22000	ND	ND	ND
PC169	PC169-1-3'	1-3	7/20/04	8/31/04	664	ND	ND	ND	ND	664	ND	ND	ND
	PC169-1-3'MS	1-3	7/20/04	8/31/04	7,450	ND	ND	ND	ND	7450	ND	ND	ND
	PC169-1-3'MSD	1-3	7/20/04	8/31/04	6,560	ND	ND	ND	ND	6560	ND	ND	ND
	PC169-3-6.5'	3-6.5	7/20/04	8/31/04	19,200	ND	ND	ND	ND	19200	ND	ND	ND
	Duplicate 52 (PC169-3-6.5')	3-6.5	7/20/04	9/4/04	42,300	ND	ND	ND	ND	42300	ND	ND	ND
PC170	PC170-1-4'	1-4	7/20/04	8/31/04	24,600	ND	ND	ND	ND	24600	ND	ND	ND
	PC170-4-7'	4-7	7/20/04	8/31/04	11,100	ND	ND	ND	ND	11100	ND	ND	ND
PC171	PC171-1-4'	1-4	7/20/04	8/31/04	1,530	ND	ND	ND	ND	1530	ND	ND	ND
	PC171-4-7'	4-7	7/20/04	8/31/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC172	PC172-1-4'	1-4	7/20/04	8/31/04	4,660	ND	ND	ND	ND	4660	ND	ND	ND
	PC172-4-7'	4-7	7/20/04	8/31/04	8,520	ND	ND	ND	ND	8520	ND	ND	ND
PC173	PC173-1-4'	1-4	7/20/04	8/31/04	3,350	ND	ND	ND	ND	3350	ND	ND	ND
	PC173-4-7'	4-7	7/20/04	8/31/04	2,920	ND	ND	ND	ND	2920	ND	ND	ND
PC174	PC174-1-3'	1-3	7/21/04	8/17/04	5,460	ND	ND	ND	ND	5460	ND	ND	ND
PC175	PC175-1-3'	1-3	7/20/04	9/4/04	11,300	ND	ND	ND	ND	11300	ND	ND	ND
PC176	PC176-1-3'	1-3	7/20/04	9/4/04	**77,300**	ND	ND	ND	ND	77300	ND	ND	ND
PC177	PC177-1-3'	1-3	8/25/04	9/1/04	20,100	ND	ND	ND	ND	20100	ND	ND	ND
	PC177-3-6'	3-6	8/25/04	9/1/04	4,920	ND	ND	ND	ND	4920	ND	ND	ND
PC178	PC178-1-4'	1-4	7/20/04	9/4/04	10,900	ND	ND	ND	ND	10900	ND	ND	ND
	PC178-4-7'	4-7	7/20/04	9/4/04	6,140	ND	ND	ND	ND	6140	ND	ND	ND
PC179	PC179-1-3'	1-3	7/20/04	9/4/04	7,000	ND	ND	ND	ND	7000	ND	ND	ND
	Duplicate 54 (PC179-1-3')	1-3	7/20/04	9/4/04	6,390	ND	ND	ND	ND	6390	ND	ND	ND
	PC179-3-6.5'	3-6.5	7/20/04	9/4/04	7,500	ND	ND	ND	ND	7500	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	PC179-3-6.5'MS	3-6.5	7/20/04	9/4/04	5,520	ND	ND	ND	ND	5520	ND	ND	ND
	PC179-3-6.5'MSD	3-6.5	7/20/04	9/4/04	1,650	ND	ND	ND	ND	1650	ND	ND	ND
PC180	PC180-1-4'	1-4	10/28/04	10/30/04	2,340	ND	ND	ND	ND	2340	ND	ND	ND
	PC180-4-8'	4-8	10/28/04	10/30/04	2,140	ND	ND	ND	ND	2140	ND	ND	ND
	PC180-8-10.5'	8-10.5	10/28/04	10/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC181	PC181-1-3'	1-3	8/25/04	8/31/04	3,510	ND	ND	ND	ND	3510	ND	ND	ND
	PC181-3-6'	3-6	8/25/04	8/31/04	3,520	ND	ND	ND	ND	3520	ND	ND	ND
PC182	PC182-1-3	1-3	7/21/04	8/17/04	26,400	ND	ND	ND	ND	26400	ND	ND	ND
	PC182-3-6.5'	3-6.5	7/21/04	8/17/04	44,700	ND	ND	ND	ND	44700	ND	ND	ND
PC183	PC183-1-3'	1-3	7/21/04	8/17/04	2,090	ND	ND	ND	ND	2090	ND	ND	ND
	PC183-3-6.5'	3-6.5	7/21/04	8/17/04	**48,300**	ND	ND	ND	ND	48300	ND	ND	ND
PC184	PC184-1-4'	1-4	7/21/04	8/17/04	13,100	ND	ND	ND	ND	13100	ND	ND	ND
	PC184-4-7'	4-7	7/21/04	8/17/04	11,900	ND	ND	ND	ND	11900	ND	ND	ND
PC185	PC185-1-4'	1-4	7/21/04	8/17/04	10,700	ND	ND	ND	ND	10700	ND	ND	ND
	PC185-4-7'	4-7	7/21/04	8/17/04	1,770	ND	ND	ND	ND	1770	ND	ND	ND
PC186	PC186-1-4'	1-4	7/21/04	8/17/04	7,940	ND	ND	ND	ND	7940	ND	ND	ND
	PC186-4-7'	4-7	7/21/04	8/17/04	6,280	ND	ND	ND	ND	6280	ND	ND	ND
PC187	PC187-1-4'	1-4	7/21/04	8/17/04	3,660	ND	ND	ND	ND	3660	ND	ND	ND
	PC187-4-7'	4-7	7/21/04	8/17/04	5,620	ND	ND	ND	ND	5620	ND	ND	ND
PC188	PC188-1-4'	1-4	7/20/04	9/4/04	3,590	ND	ND	ND	ND	3590	ND	ND	ND
	PC188-4-7'	4-7	7/20/04	9/4/04	5,180	ND	ND	ND	ND	5180	ND	ND	ND
PC189	PC189-1-4'	1-4	7/20/04	9/4/04	4,540	ND	ND	ND	ND	4540	ND	ND	ND
	Duplicate 55 (PC189-1-4')	1-4	7/20/04	9/4/04	5,030	ND	ND	ND	ND	5030	ND	ND	ND
	PC189-4-7'	4-7	7/20/04	9/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC189-4-7'MS	4-7	7/20/04	9/4/04	9,200	ND	ND	ND	ND	9200	ND	ND	ND
	PC189-4-7'MSD	4-7	7/20/04	9/4/04	11,000	ND	ND	ND	ND	11000	ND	ND	ND
PC190	PC190-1-3'	1-3	7/21/04	8/17/04	3,620	ND	ND	ND	ND	3620	ND	ND	ND
	PC190-3-6.5'	3-6.5	7/21/04	8/17/04	**959,000**	ND	ND	ND	ND	959000	ND	ND	ND
	PC190-6.5-10'	6.5-10	9/22/04	9/29/04	4,190	ND	ND	ND	ND	4190	ND	ND	ND
	Duplicate 141 (PC190-6.5-10')	6.5-10	9/22/04	9/29/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC190-A-1-3'	1-3	9/22/04	9/29/04	4,590	ND	ND	ND	ND	4590	ND	ND	ND
	PC190-A-3-6.5'	3-6.5	9/22/04	9/29/04	44,300	ND	ND	ND	ND	44300	ND	ND	ND
	PC190-A-6.5-10'	6.5-10	9/22/04	9/29/04	2,700	ND	ND	ND	ND	2700	ND	ND	ND
	PC190-B-1-3'	1-3	9/22/04	9/29/04	46,100	ND	ND	ND	ND	46100	ND	ND	ND
	PC190-B-3-6.5'	3-6.5	9/22/04	9/29/04	9,580	ND	ND	ND	ND	9580	ND	ND	ND
	PC190-B-6.5-10'	6.5-10	9/22/04	9/29/04	20,800	ND	ND	ND	ND	20800	ND	ND	ND
	PC190-C-1-3'	1-3	9/23/04	9/29/04	4,480	ND	ND	ND	ND	4480	ND	ND	ND
	PC190-C-3-6.5'	3-6.5	9/23/04	9/29/04	2,780	ND	ND	ND	ND	2780	ND	ND	ND
	PC190-C-6.5-12'	6.5-12	9/23/04	9/29/04	27,400	ND	ND	ND	ND	27400	ND	ND	ND
	PC190-D-1-3'	1-3	9/22/04	9/29/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	PC190-D-3-6.5'	3-6.5	9/22/04	9/29/04	28,500	ND	ND	ND	ND	28500	ND	ND	ND
	PC190-D-3-6.5'MS	3-6.5	9/22/04	9/29/04	25,000	ND	ND	ND	ND	25000	ND	ND	ND
	PC190-D-3-6.5'MSD	3-6.5	9/22/04	9/29/04	33,600	ND	ND	ND	ND	33600	ND	ND	ND
	PC190-D-6.5-10.5'	6.5-10.5	9/22/04	9/29/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC191	PC191-1-3'	1-3	7/21/04	8/17/04	**236,000**	ND	ND	ND	ND	236000	ND	ND	ND
	PC191-3-6'	3-6	9/23/04	9/29/04	11,000	ND	ND	ND	ND	11000	ND	ND	ND
	Duplicate 167 (PC191-3-6')	3-6	10/20/04	10/25/04	19,500	ND	ND	ND	ND	19500	ND	ND	ND
	PC191-6-10'	6-10	9/23/04	9/29/04	12,100	ND	ND	ND	ND	12100	ND	ND	ND
	PC191-A-1-3'	1-3	9/23/04	9/29/04	**1,685,000**	ND	ND	ND	ND	495000	1190000	ND	ND
	Duplicate 142 (PC191-A-1-3')	1-3	9/23/04	9/29/04	**92,700**	ND	ND	ND	ND	92700	ND	ND	ND
	PC191-A-3-6'	3-6	9/23/04	9/29/04	**94,000**	ND	ND	ND	ND	94000	ND	ND	ND
	PC191-A-3-6'MS	3-6	9/23/04	10/1/04	**254,700**	ND	ND	ND	ND	254700	ND	ND	ND
	PC191-A-3-6'MSD	3-6	9/23/04	10/1/04	**367,000**	ND	ND	ND	ND	367000	ND	ND	ND
	PC191-B-1-3'	1-3	9/23/04	9/29/04	3,800	ND	ND	ND	ND	3800	ND	ND	ND
	PC191-B-3-6'	3-6	9/23/04	9/29/04	10,400	ND	ND	ND	ND	10400	ND	ND	ND
	PC191-C-1-3'	1-3	9/23/04	9/29/04	9,380	ND	ND	ND	ND	9380	ND	ND	ND
	PC191-C-3-6'	3-6	9/23/04	9/29/04	31,100	ND	ND	ND	ND	31100	ND	ND	ND
	PC191-D-1-3'	1-3	9/23/04	9/29/04	2,860	ND	ND	ND	ND	2860	ND	ND	ND
	PC191-D-3-6'	3-6	9/23/04	9/29/04	**664,000**	ND	ND	ND	ND	664000	ND	ND	ND
	PC191-E-1-3'	1-3	10/15/04	10/20/04	2,020	ND	ND	ND	ND	2020	ND	ND	ND
	PC191-E-1-3'MS	1-3	10/15/04	10/20/04	6,790	ND	ND	ND	ND	6790	ND	ND	ND
	PC191-E-1-3'MSD	1-3	10/15/04	10/20/04	4,710	ND	ND	ND	ND	4710	ND	ND	ND
	PC191-E-3-6'	3-6	10/15/04	10/20/04	42,100	ND	ND	ND	ND	42100	ND	ND	ND
	Duplicate 166 (PC191-E-3-6')	3-6	10/15/04	10/20/04	36,800	ND	ND	ND	ND	36800	ND	ND	ND
	PC191-F-1-3'	1-3	10/20/04	10/25/04	5,350	ND	ND	ND	ND	5350	ND	ND	ND
	PC191-F-3-6'	3-6	10/20/04	10/25/04	16,700	ND	ND	ND	ND	16700	ND	ND	ND
	PC191-F-6-10.5'	6-10.5	10/20/04	10/25/04	26,000	ND	ND	ND	ND	26000	ND	ND	ND
	PC191-G-1-3'	1-3	10/15/04	10/27/04	**78,400**	ND	ND	ND	ND	78400	ND	ND	ND
	PC191-G-3-6'	3-6	10/15/04	10/20/04	**57,500**	ND	ND	ND	ND	57500	ND	ND	ND
	PC191-G-6-9'	6-9	10/15/04	10/20/04	29,000	ND	ND	ND	ND	29000	ND	ND	ND
	PC191-H-1-3'	1-3	10/20/04	10/25/04	15,100	ND	ND	ND	ND	15100	ND	ND	ND
	PC191-H-3-6'	3-6	10/20/04	10/26/04	19,100	ND	ND	ND	ND	19100	ND	ND	ND
	PC191-H-6-10.5'	6-10.5	10/20/04	10/26/04	3,990	ND	ND	ND	ND	3990	ND	ND	ND
	PC191-I-1-3'	1-3	10/15/04	10/20/04	7,380	ND	ND	ND	ND	7380	ND	ND	ND
	PC191-I-3-6'	3-6	10/15/04	10/20/04	6,800	ND	ND	ND	ND	6800	ND	ND	ND
	PC191-I-6-10.75'	6-10.75	10/15/04	10/20/04	2,910	ND	ND	ND	ND	2910	ND	ND	ND
	PC191-I-1-3'	1-3	10/20/04	10/26/04	7,400	ND	ND	ND	ND	7400	ND	ND	ND
	PC191-I-3-6'	3-6	10/20/04	10/26/04	**67,900**	ND	ND	ND	ND	67900	ND	ND	ND
	PC191-I-6-10.75'	6-10.75	10/20/04	10/26/04	7,800	ND	ND	ND	ND	7800	ND	ND	ND
	PC191-J-1-3'	1-3	10/20/04	10/26/04	4,200	ND	ND	ND	ND	4200	ND	ND	ND
	PC191-J-3-6'	3-6	10/20/04	10/27/04	**786,000**	ND	ND	ND	ND	786000	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	PC191-J-6-10.5'	6-10.5	10/20/04	10/26/04	27,600	ND	ND	ND	ND	27600	ND	ND	ND
	PC191-K-3-6'	3-6	11/11/04	11/15/04	31,400	ND	ND	ND	ND	31400	ND	ND	ND
	PC191-L-3-6'	3-6	11/11/04	11/15/04	**55,700**	ND	ND	ND	ND	55700	ND	ND	ND
	PC191-L-3-6'MS	3-6	11/11/04	11/15/04	27,200	ND	ND	ND	ND	27200	ND	ND	ND
	PC191-L-3-6'MSD	3-6	11/11/04	11/15/04	16,100	ND	ND	ND	ND	16100	ND	ND	ND
PC192	PC192-1-3'	1-3	7/21/04	8/17/04	9,220	ND	ND	ND	ND	9220	ND	ND	ND
	PC192-3-6.5'	3-6.5	11/17/04	11/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC193	PC193-1-3'	1-3	7/21/04	8/17/04	5,360	ND	ND	ND	ND	5360	ND	ND	ND
	PC193-3-6.5'	3-6.5	7/21/04	8/17/04	2,850	ND	ND	ND	ND	2850	ND	ND	ND
PC194	PC194-1-3'	1-3	7/21/04	8/31/04	3,040	ND	ND	ND	ND	3040	ND	ND	ND
	PC194-1-3'	1-3	8/25/04	8/17/04	8,920	ND	ND	ND	ND	8920	ND	ND	ND
PC195	PC195-1-3'	1-3	8/25/04	8/31/04	2,480	ND	ND	ND	ND	2480	ND	ND	ND
	PC195-3-6'	3-6	8/25/04	8/31/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC196	PC196-1-3'	1-3	7/21/04	8/17/04	5,610	ND	ND	ND	ND	5610	ND	ND	ND
	PC196-3-6.5'	3-6.5	7/21/04	8/17/04	10,700	ND	ND	ND	ND	10700	ND	ND	ND
	PC196-3-6.5'MS	3-6.5	7/21/04	8/17/04	6,490	ND	ND	ND	ND	6490	ND	ND	ND
	PC196-3-6.5'MSD	3-6.5	7/21/04	8/17/04	7,280	ND	ND	ND	ND	7280	ND	ND	ND
PC197	PC197-1-3'	1-3	7/21/04	8/17/04	2,000	ND	ND	ND	ND	2000	ND	ND	ND
	PC197-3-6.5'	3-6.5	7/21/04	8/17/04	23,200	ND	ND	ND	ND	23200	ND	ND	ND
PC198	PC198-1-3'	1-3	7/21/04	8/17/04	7,580	ND	ND	ND	ND	7580	ND	ND	ND
	PC198-3-6.5'	3-6.5	7/21/04	8/17/04	**349,000**	ND	ND	ND	ND	349000	ND	ND	ND
	PC198-6.5-10'	6.5-10	9/24/04	10/1/04	4,260	ND	ND	ND	ND	4260	ND	ND	ND
	Duplicate 145 (PC198-6.5-10')	6.5-10	9/24/04	10/1/04	43,400	ND	ND	ND	ND	43400	ND	ND	ND
	PC198-A-1-3'	1-3	9/24/04	10/2/04	4,190	ND	ND	ND	ND	4190	ND	ND	ND
	PC198-A-3-6.5'	3-6.5	9/24/04	10/1/04	13,520	ND	ND	ND	ND	13520	ND	ND	ND
	PC198-A-6.5-9'	6.5-9	9/24/04	10/2/04	1,640	ND	ND	ND	ND	1640	ND	ND	ND
	PC198-B-1-3'	1-3	9/24/04	10/1/04	11,200	ND	ND	ND	ND	11200	ND	ND	ND
	PC198-B-3-6.5'	3-6.5	9/24/04	10/1/04	8,540	ND	ND	ND	ND	8540	ND	ND	ND
	PC198-B-3-6.5'MS	3-6.5	9/24/04	10/4/04	14,000	ND	ND	ND	ND	14000	ND	ND	ND
	PC198-B-3-6.5'MSD	3-6.5	9/24/04	10/4/04	7,760	ND	ND	ND	ND	7760	ND	ND	ND
	PC198-B-6.5-9'	6.5-9	9/24/04	10/1/04	3,750	ND	ND	ND	ND	3750	ND	ND	ND
	PC198-C-1-3'	1-3	9/24/04	10/1/04	4,430	ND	ND	ND	ND	4430	ND	ND	ND
	PC198-C-3-6.5'	3-6.5	9/24/04	10/1/04	17,700	ND	ND	ND	ND	17700	ND	ND	ND
	PC198-C-6.5-11'	6.5-11	9/24/04	10/1/04	12,300	ND	ND	ND	ND	12300	ND	ND	ND
	PC198-D-1-3'	1-3	9/24/04	10/1/04	9,160	ND	ND	ND	ND	9160	ND	ND	ND
	PC198-D-3-6.5'	3-6.5	9/24/04	10/1/04	22,600	ND	ND	ND	ND	22600	ND	ND	ND
	PC198-D-6.5-8.5'	6.5-8.5	9/24/04	10/1/04	6,430	ND	ND	ND	ND	6430	ND	ND	ND
PC199	PC199-1-4'	1-4	7/21/04	8/17/04	15,900	ND	ND	ND	ND	15900	ND	ND	ND
	PC199-4-7'	4-7	7/21/04	8/17/04	27,000	ND	ND	ND	ND	27000	ND	ND	ND
PC200	PC200-1-4'	1-4	7/21/04	8/17/04	8,330	ND	ND	ND	ND	8330	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC200	PC200-4-7'	4-7	7/21/04	8/17/04	3,080	ND	ND	ND	ND	3080	ND	ND	ND
PC201	PC201-1-4'	1-4	7/21/04	8/17/04	8,080	ND	ND	ND	ND	8080	ND	ND	ND
	PC201-1-4'MS	1-4	7/21/04	8/17/04	8,380	ND	ND	ND	ND	8380	ND	ND	ND
	PC201-1-4'MSD	1-4	7/21/04	8/17/04	8,220	ND	ND	ND	ND	8220	ND	ND	ND
	PC201-4-7'	4-7	7/21/04	8/17/04	9,650	ND	ND	ND	ND	9650	ND	ND	ND
	Duplicate 57 (PC201-4-7')	4-7	7/21/04	8/17/04	4,330	ND	ND	ND	ND	4330	ND	ND	ND
PC202	PC202-1-4'	1-4	7/21/04	8/17/04	2,060	ND	ND	ND	ND	2060	ND	ND	ND
	PC202-4-7'	4-7	7/21/04	8/17/04	3,340	ND	ND	ND	ND	3340	ND	ND	ND
PC203	PC203-1-4'	1-4	7/21/04	8/17/04	3,290	ND	ND	ND	ND	3290	ND	ND	ND
	PC203-4-7'	4-7	7/21/04	8/17/04	8,740	ND	ND	ND	ND	8740	ND	ND	ND
PC204	PC204-1-4'	1-4	7/22/04	8/18/04	3,680	ND	ND	ND	ND	3680	ND	ND	ND
	PC204-4-7'	4-7	7/22/04	8/18/04	9,810	ND	ND	ND	ND	9810	ND	ND	ND
PC205	PC205-1-3'	1-3	7/22/04	8/18/04	2,970	ND	ND	ND	ND	2970	ND	ND	ND
	PC205-3-6.5'	3-6.5	7/22/04	8/18/04	3,820	ND	ND	ND	ND	3820	ND	ND	ND
PC206	PC206-1-3'	1-3	7/22/04	8/20/04	2,300	ND	ND	ND	ND	2300	ND	ND	ND
	PC206-3-6.5'	3-6.5	7/22/04	8/20/04	**71,700**	ND	ND	ND	ND	71700	ND	ND	ND
	PC206-A-3-6.5'	3-6.5	12/2/04	12/4/04	14,700	ND	ND	ND	ND	14700	ND	ND	ND
	PC206-B-3-6.5'	3-6.5	12/2/04	12/4/04	12,200	ND	ND	ND	ND	12200	ND	ND	ND
	Duplicate 195 (PC206-B-3-6.5')	3-6.5	12/2/04	12/4/04	13,100	ND	ND	ND	ND	13100	ND	ND	ND
PC207	PC207-1-3'	1-3	7/22/04	8/20/04	13,000	ND	ND	ND	ND	13000	ND	ND	ND
	PC207-3-6.5'	3-6.5	7/22/04	8/20/04	3,510	ND	ND	ND	ND	3510	ND	ND	ND
PC208	PC208-1-4'	1-4	7/22/04	8/19/04	39,400	ND	ND	ND	ND	39400	ND	ND	ND
	PC208-4-7	4-7	7/22/04	8/19/04	7,210	ND	ND	ND	ND	7210	ND	ND	ND
PC209	PC209-1-3'	1-3	7/22/04	8/19/04	9,600	ND	ND	ND	ND	9600	ND	ND	ND
	PC209-1-3'MS	1-3	7/22/04	8/19/04	13,500	ND	ND	ND	ND	13500	ND	ND	ND
	PC209-1-3'MSD	1-3	7/22/04	8/19/04	11,900	ND	ND	ND	ND	11900	ND	ND	ND
	PC209-3-6.5'	3-6.5	7/22/04	8/19/04	11,700	ND	ND	ND	ND	11700	ND	ND	ND
	Duplicate 59 (PC209-3-6.5')	3-6.5	7/22/04	8/18/04	20,900	ND	ND	ND	ND	20900	ND	ND	ND
PC210	PC210-1-3'	1-3	7/22/04	8/19/04	2,260	ND	ND	ND	ND	2260	ND	ND	ND
	PC210-3-6'	3-6	7/22/04	8/19/04	4,570	ND	ND	ND	ND	4570	ND	ND	ND
	PC210-6-9'	6-9	11/17/04	11/23/04	2,650	ND	ND	ND	ND	2650	ND	ND	ND
	Duplicate 192 (PC210-6-9')	6-9	11/17/04	11/23/04	12,600	ND	ND	ND	ND	12600	ND	ND	ND
PC211	PC211-1-3.5'	1-3.5	7/22/04	8/19/04	3,000	ND	ND	ND	ND	3000	ND	ND	ND
PC212	PC212-1-3.5'	1-3.5	7/22/04	8/19/04	19,200	ND	ND	ND	ND	19200	ND	ND	ND
PC213	(deleted)	~	~	~	~	~	~	~	~	~	~	~	~
PC214	PC214-1-3.5'	1-3.5	7/22/04	8/19/04	9,960	ND	ND	ND	ND	9960	ND	ND	ND
PC215	PC215-1-3'	1-3	7/22/04	8/19/04	3,340	ND	ND	ND	ND	3340	ND	ND	ND
PC216	PC216-1-3'	1-3	7/22/04	8/20/04	24,100	ND	ND	ND	ND	24100	ND	ND	ND
PC217	PC217-1-3.5'	1-3.5	7/22/04	8/19/04	4,900	ND	ND	ND	ND	4900	ND	ND	ND
PC218	PC218-1-3'	1-3	7/22/04	8/19/04	4,150	ND	ND	ND	ND	4150	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC218	PC218-3-6.5	3-6.5	7/22/04	8/19/04	8,870	ND	ND	ND	ND	8870	ND	ND	ND
PC219	PC219-1-4'	1-4	7/22/04	8/19/04	2,020	ND	ND	ND	ND	2020	ND	ND	ND
	PC219-4-7'	4-7	7/22/04	8/19/04	5,500	ND	ND	ND	ND	5500	ND	ND	ND
PC220	PC220-1-3'	1-3	7/22/04	8/20/04	1,600	ND	ND	ND	ND	1600	ND	ND	ND
	PC220-3-6.5'	3-6.5	7/22/04	8/20/04	2,660	ND	ND	ND	ND	2660	ND	ND	ND
PC221	PC221-1-3'	1-3	7/22/04	8/20/04	8,570	ND	ND	ND	ND	8570	ND	ND	ND
	PC221-3-6.5'	3-6.5	7/22/04	8/20/04	11,300	ND	ND	ND	ND	11300	ND	ND	ND
PC222	PC222-1-3.5'	1-3.5	7/22/04	8/20/04	8,870	ND	ND	ND	ND	8870	ND	ND	ND
PC223	PC223-1-3.5'	1-3.5	7/22/04	8/19/04	17,600	ND	ND	ND	ND	17600	ND	ND	ND
PC224	(deleted)	~	~	~	~	~	~	~	~	~	~	~	~
PC225	PC225-1-3.5'	1-3.5	7/22/04	8/19/04	**220,000**	ND	ND	ND	ND	220000	ND	ND	ND
	PC225-3.5-6	3.5-6	9/23/04	10/2/04	5,790	ND	ND	ND	ND	5790	ND	ND	ND
	PC225-6-11	6-11	9/23/04	10/2/04	5,080	ND	ND	ND	ND	5080	ND	ND	ND
	PC225-A-1-3.5	1-3.5	9/23/04	10/2/04	1,580	ND	ND	ND	ND	1580	ND	ND	ND
	PC225-A 3.5-6	3.5-6	9/23/04	10/2/04	5,230	ND	ND	ND	ND	5230	ND	ND	ND
	PC225-B-1-3.5	1-3.5	9/23/04	10/2/04	1,330	ND	ND	ND	ND	1330	ND	ND	ND
	PC225-B-3.5-6	3.5-6	9/23/04	10/2/04	3,350	ND	ND	ND	ND	3350	ND	ND	ND
	PC225-C-1-3.5	1-3.5	9/23/04	10/2/04	7,190	ND	ND	ND	ND	7190	ND	ND	ND
	PC225-C-3.5-6	3.5-6	9/23/04	10/2/04	11,800	ND	ND	ND	ND	11800	ND	ND	ND
	PC225-D-1-3.5	1-3.5	9/23/04	10/2/04	6,160	ND	ND	ND	ND	6160	ND	ND	ND
	PC225-D-3.5-6	3.5-6	9/23/04	9/30/04	28,100	ND	ND	ND	ND	28100	ND	ND	ND
PC226	PC226-1-3'	1-3'	7/22/04	8/19/04	12,700	ND	ND	ND	ND	12700	ND	ND	ND
PC227	PC227-1-3'	1-3	7/22/04	8/18/04	3,280	ND	ND	ND	ND	3280	ND	ND	ND
	PC227-1-3'MS	1-3	7/22/04	8/18/04	9,920	ND	ND	ND	ND	9920	ND	ND	ND
	PC227-1-3'MSD	1-3	7/22/04	8/18/04	9,250	ND	ND	ND	ND	9250	ND	ND	ND
	PC227-3-6.5'	3-6.5	7/22/04	8/18/04	4,130	ND	ND	ND	ND	4130	ND	ND	ND
	Duplicate 60 (PC227-3-6.5')	3-6.5	7/22/04	8/18/04	6,630	ND	ND	ND	ND	6630	ND	ND	ND
PC228	PC228-1-3.5'	1-3.5	7/22/04	8/19/04	5,068	ND	ND	ND	ND	5068	ND	ND	ND
PC229	PC229-1-4'	1-4	7/22/04	8/19/04	5,950	ND	ND	ND	ND	5950	ND	ND	ND
	PC229-4-7'	4-7	7/22/04	8/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC230	PC230-1-4'	1-4	7/22/04	8/20/04	4,660	ND	ND	ND	ND	4660	ND	ND	ND
	PC230-4-7'	4-7	7/22/04	8/20/04	15,700	ND	ND	ND	ND	15700	ND	ND	ND
PC231	PC231-1-3'	1-3	7/22/04	8/20/04	6,000	ND	ND	ND	ND	6000	ND	ND	ND
	PC231-3-6.5'	3-6.5	7/22/04	8/20/04	3,230	ND	ND	ND	ND	3230	ND	ND	ND
PC232	(deleted)	~	~	~	~	~	~	~	~	~	~	~	~
PC233	(deleted)	~	~	~	~	~	~	~	~	~	~	~	~
PC234	(deleted)	~	~	~	~	~	~	~	~	~	~	~	~
PC235	(deleted)	~	~	~	~	~	~	~	~	~	~	~	~
PC236	(deleted)	~	~	~	~	~	~	~	~	~	~	~	~
PC237	PC237-1-4'	1-4	7/22/04	8/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC237	PC237-4-7'	4-7	7/22/04	8/19/04	14,800	ND	ND	ND	ND	14800	ND	ND	ND
PC238	PC238-1-3'	1-3	8/26/04	9/1/04	16,200	ND	ND	ND	ND	16200	ND	ND	ND
	PC238-3-6.5'	3-6.5	8/26/04	9/1/04	8,080	ND	ND	ND	ND	8080	ND	ND	ND
PC239	PC239-1-3'	1-3	7/22/04	8/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC239-3-6.5'	3-6.5	7/22/04	8/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC240	PC240-1-3'	1-3	7/22/04	8/19/04	6,080	ND	ND	ND	ND	6080	ND	ND	ND
	PC240-3-6.5'	3-6.5	7/22/04	8/19/04	11,300	ND	ND	ND	ND	11300	ND	ND	ND
PC241	PC241-1-3'	1-3	7/29/04	8/20/04	4,110	ND	ND	ND	ND	4110	ND	ND	ND
	Duplicate 62 (PC241-1-3')	1-3	7/29/04	8/20/04	1,270	ND	ND	ND	ND	1270	ND	ND	ND
	PC241-3-6.5'	3-6.5	7/29/04	8/20/04	5,750	ND	ND	ND	ND	5750	ND	ND	ND
	PC241-3-6.5'MS	3-6.5	7/29/04	8/20/04	7,710	ND	ND	ND	ND	7710	ND	ND	ND
	PC241-3-6.5'MSD	3-6.5	7/29/04	8/20/04	8,820	ND	ND	ND	ND	8820	ND	ND	ND
PC242	PC242-1-3'	1-3	7/29/04	8/20/04	13,300	ND	ND	ND	ND	13300	ND	ND	ND
PC243	PC243-1-3'	1-3	7/29/04	8/20/04	4,780	ND	ND	ND	ND	4780	ND	ND	ND
PC244	PC244-1-3'	1-3	7/29/04	8/20/04	11,900	ND	ND	ND	ND	11900	ND	ND	ND
PC245	(deleted)	~	~	~	~	~	~	~	~	~	~	~	~
PC246	PC246-1-3'	1-3	7/29/04	8/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC247	PC247-1-3'	1-3	7/29/04	8/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC248	PC248-1-3'	1-3	7/29/04	8/20/04	3,540	ND	ND	ND	ND	3540	ND	ND	ND
PC249	PC249-1-4'	1-4	7/29/04	8/20/04	22,700	ND	ND	ND	ND	22700	ND	ND	ND
	PC249-4-7'	4-7	7/29/04	8/20/04	14,900	ND	ND	ND	ND	14900	ND	ND	ND
PC250	PC250-1-4'	1-4	7/29/04	8/20/04	23,000	ND	ND	ND	ND	23000	ND	ND	ND
	PC250-4-7'	4-7	7/29/04	8/20/04	13,200	ND	ND	ND	ND	13200	ND	ND	ND
PC251	PC251-1-3'	1-3	7/29/04	8/20/04	2,870	ND	ND	ND	ND	2870	ND	ND	ND
	PC251-3-6'	3-6	7/29/04	8/20/04	8,700	ND	ND	ND	ND	8700	ND	ND	ND
PC252	PC252-1-3'	1-3	7/29/04	8/20/04	2,090	ND	ND	ND	ND	2090	ND	ND	ND
	PC252-3-6'	3-6	7/29/04	8/20/04	1,290	ND	ND	ND	ND	1290	ND	ND	ND
PC253	PC253-1-3'	1-3	7/29/04	8/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC253-3-6.5'	3-6.5	7/29/04	8/20/04	4,470	ND	ND	ND	ND	4470	ND	ND	ND
PC254	PC254-1-3'	1-3	7/29/04	8/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC254-3-6.5'	3-6.5	7/29/04	8/20/04	7,750	ND	ND	ND	ND	7750	ND	ND	ND
PC255	PC255-1-4'	1-4	7/29/04	8/20/04	9,430	ND	ND	ND	ND	9430	ND	ND	ND
	Duplicate 63 (PC255-1-4')	1-4	7/29/04	8/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC255-4-7'	4-7	7/29/04	8/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC255-4-7'MS	4-7	7/29/04	8/20/04	12,600	ND	ND	ND	ND	12600	ND	ND	ND
	PC255-4-7'MSD	4-7	7/29/04	8/20/04	12,600	ND	ND	ND	ND	12600	ND	ND	ND
PC256	PC256-1-4'	1-4	7/29/04	8/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC256-4-7'	4-7	7/29/04	8/20/04	6,980	ND	ND	ND	ND	6980	ND	ND	ND
PC257	PC257-1-4'	1-4	7/29/04	8/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC257	PC257-4-7'	4-7	7/29/04	8/20/04	2,050	ND	ND	ND	ND	2050	ND	ND	ND
PC258	PC258-1-4'	1-4	7/29/04	8/20/04	1,800	ND	ND	ND	ND	1800	ND	ND	ND
	PC258-4-7'	4-7	7/29/04	8/20/04	1,980	ND	ND	ND	ND	1980	ND	ND	ND
PC259	PC259-1-4'	1-4	7/29/04	8/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC259-4-7'	4-7	7/29/04	8/20/04	**53,700**	ND	ND	ND	ND	53700	ND	ND	ND
	PC259-A-4-7'	4-7	11/17/04	11/23/04	3,340	ND	ND	ND	ND	3340	ND	ND	ND
	PC259-B-4-7'	4-7	11/17/04	11/20/04	5,280	ND	ND	ND	ND	5280	ND	ND	ND
PC260	PC260-1-4'	1-4	7/29/04	8/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC260-4-7'	4-7	7/29/04	8/20/04	**86,200**	ND	ND	ND	ND	86200	ND	ND	ND
	PC260-A-4-7'	4-7	11/17/04	11/24/04	5,280	ND	ND	ND	ND	5280	ND	ND	ND
	Duplicate 193 (PC260-A-4-7')	4-7	11/17/04	11/24/04	9,450	ND	ND	ND	ND	9450	ND	ND	ND
	PC260-B-4-7'	4-7	11/17/04	11/20/04	13,000	ND	ND	ND	ND	13000	ND	ND	ND
PC261	PC261-1-3'	1-3	7/29/04	8/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC261-3-6.5'	3-6.5	7/29/04	8/20/04	2,730	ND	ND	ND	ND	2730	ND	ND	ND
PC262	PC262-1-3'	1-3	7/29/04	8/20/04	11,500	ND	ND	ND	ND	11500	ND	ND	ND
	PC262-3-6.5'	3-6.5	7/29/04	8/20/04	6,460	ND	ND	ND	ND	6460	ND	ND	ND
PC263	PC263-1-4'	1-4	7/29/04	8/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC263-4-7'	4-7	7/29/04	8/21/04	6,640	ND	ND	ND	ND	6640	ND	ND	ND
PC264	PC264-1-4'	1-4	7/29/04	8/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC264-4-7'	4-7	7/29/04	8/21/04	4,010	ND	ND	ND	ND	4010	ND	ND	ND
PC265	PC265-1-4'	1-4	7/29/04	8/21/04	1,160	ND	ND	ND	ND	1160	ND	ND	ND
	Duplicate 64 (PC265-1-4')	1-4	7/29/04	8/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC265-4-7'	4-7	7/29/04	8/21/04	27,700	ND	ND	ND	ND	27700	ND	ND	ND
	PC265-4-7'MS	4-7	7/29/04	8/21/04	39,500	ND	ND	ND	ND	39500	ND	ND	ND
	PC265-4-7'MSD	4-7	7/29/04	8/21/04	35,100	ND	ND	ND	ND	35100	ND	ND	ND
PC266	PC266-1-4'	1-4	7/29/04	8/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC266-4-7'	4-7	7/29/04	8/21/04	19,400	ND	ND	ND	ND	19400	ND	ND	ND
PC267	PC267-1-4'	1-4	7/29/04	8/21/04	3,720	ND	ND	ND	ND	3720	ND	ND	ND
	PC267-4-7'	4-7	7/29/04	8/21/04	12,000	ND	ND	ND	ND	12000	ND	ND	ND
PC268	PC268-1-4'	1-4	7/29/04	8/21/04	3,130	ND	ND	ND	ND	3130	ND	ND	ND
	PC268-4-7'	4-7	7/29/04	8/21/04	11,700	ND	ND	ND	ND	11700	ND	ND	ND
PC269	PC269-1-4'	1-4	7/29/04	8/20/04	1,940	ND	ND	ND	ND	1940	ND	ND	ND
	PC269-4-7'	4-7	7/29/04	8/20/04	6,580	ND	ND	ND	ND	6580	ND	ND	ND
PC270	PC270-1-4'	1-4	7/29/04	8/20/04	19,000	ND	ND	ND	ND	19000	ND	ND	ND
	PC270-4-7'	4-7	7/29/04	8/20/04	4,230	ND	ND	ND	ND	4230	ND	ND	ND
PC271	PC271-1-4'	1-4	7/29/04	8/20/04	1,880	ND	ND	ND	ND	1880	ND	ND	ND
	PC271-4-7'	4-7	7/29/04	8/21/04	2,000	ND	ND	ND	ND	2000	ND	ND	ND
PC272	PC272-1-3'	1-3	7/29/04	8/20/04	**77,700**	ND	ND	ND	ND	77700	ND	ND	ND
	PC272-3-6.5'	3-6.5	7/29/04	8/20/04	11,500	ND	ND	ND	ND	11500	ND	ND	ND
	PC272-A-1-3'	1-3	11/17/04	11/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	PC272-B-1-3'	1-3	11/17/04	11/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC272-C-1-3'	1-3	11/17/04	11/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC273	PC273-1-3'	1-3	7/29/04	8/20/04	11,200	ND	ND	ND	ND	11200	ND	ND	ND
	PC273-1-3'MS	1-3	7/29/04	8/20/04	13,300	ND	ND	ND	ND	13300	ND	ND	ND
	PC273-1-3'MSD	1-3	7/29/04	8/20/04	14,100	ND	ND	ND	ND	14100	ND	ND	ND
	Duplicate 65 (PC273-1-3')	1-3	7/29/04	8/20/04	29,500	ND	ND	ND	16700	12800	ND	ND	ND
	PC273-3-6.5'	3-6.5	7/29/04	8/20/04	9,670	ND	ND	ND	ND	9670	ND	ND	ND
PC1001	PC1001-1-4'	1-4	8/25/04	8/31/04	34,700	ND	ND	ND	ND	34700	ND	ND	ND
	PC1001-4-7'	4-7	8/25/04	8/31/04	11,500	ND	ND	ND	ND	11500	ND	ND	ND
	Duplicate 116 (PC1001-4-7')	4-7	8/25/04	8/31/04	5,840	ND	ND	ND	ND	5840	ND	ND	ND
PC1002	PC1002-1-4'	1-4	8/25/04	8/31/04	22,100	ND	ND	ND	ND	22100	ND	ND	ND
	PC1002-4-7'	4-7	8/25/04	8/31/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC1003	PC1003-1-4'	1-4	8/25/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1003-4-7'	4-7	11/17/04	11/18/04	18,000	ND	ND	ND	ND	18000	ND	ND	ND
PC1004	PC1004-1-4'	1-4	8/25/04	8/31/04	16,200	ND	ND	ND	ND	16200	ND	ND	ND
	PC1004-4-7'	4-7	8/25/04	8/31/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC1005	PC1005-1-3.5'	1-3.5	8/25/04	8/31/04	5,250	ND	ND	ND	ND	5250	ND	ND	ND
PC1006	PC1006-1-3'	1-3	8/25/04	9/7/04	**468,000**	ND	ND	ND	ND	468000	ND	ND	ND
	Duplicate 117 (PC1006-1-3')	1-3	8/25/04	8/31/04	12,500	ND	ND	ND	ND	12500	ND	ND	ND
	PC1006-A-1-3'	1-3	10/15/04	10/19/04	10,300	ND	ND	ND	ND	10300	ND	ND	ND
	PC1006-A-3-5.5'	3-5.5	10/15/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1006-B-1-3'	1-3	10/15/04	10/19/04	21,200	ND	ND	ND	ND	21200	ND	ND	ND
	PC1006-B-3-6'	3-6	10/15/04	10/19/04	**48,300**	ND	ND	ND	ND	48300	ND	ND	ND
	PC1006-C-1-3'	1-3	10/15/04	10/19/04	8,200	ND	ND	ND	ND	8200	ND	ND	ND
	PC1006-C-3-5.5'	3-5.5	10/15/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1006-D-1-3'	1-3	10/15/04	10/19/04	5,870	ND	ND	ND	ND	5870	ND	ND	ND
	PC1006-D-3-4.75'	3-4.75	10/15/04	10/19/04	8,620	ND	ND	ND	ND	8620	ND	ND	ND
PC1007	PC1007-1-3.5'	1-3.5	8/25/04	9/7/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC1008	PC1008-1-3'	1-3	8/25/04	8/31/04	21,600	ND	ND	ND	ND	21600	ND	ND	ND
	PC1008-3-6.5'	3-6.5	8/25/04	9/1/04	10,200	ND	ND	ND	ND	10200	ND	ND	ND
PC1009	PC1009-1-3'	1-3	8/25/04	8/31/04	5,160	ND	ND	ND	ND	5160	ND	ND	ND
	PC1009-3-6'	3-6	8/25/04	8/31/04	25,600	ND	ND	ND	ND	25600	ND	ND	ND
PC1010	PC1010-1-3'	1-3	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1010-3-6.5'	3-6.5	8/26/04	9/1/04	6,060	ND	ND	ND	ND	6060	ND	ND	ND
PC1011	PC1011-1-3'	1-3	8/25/04	8/31/04	28,600	ND	ND	ND	ND	28600	ND	ND	ND
	PC1011-3-6'	3-6	8/25/04	8/31/04	6,890	ND	ND	ND	ND	6890	ND	ND	ND
	PC1012-1-4'	1-4	8/26/04	8/31/04	12,100	ND	ND	ND	ND	12100	ND	ND	ND
	PC1012-4-7'	4-7	8/26/04	9/8/04	**127,000**	ND	ND	ND	ND	127000	ND	ND	ND
	PC1012-1-4'	1-4	9/14/04	9/21/04	25,300	ND	ND	ND	ND	25300	ND	ND	ND
	PC1012-7-10'	7-10	9/14/04	9/24/04	**50,700**	ND	ND	ND	ND	50700	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC1012	PC1012-A-1-4'	1-4	9/14/04	9/21/04	**53,900**	ND	ND	ND	ND	53900	ND	ND	ND
	PC1012-A-4-7'	4-7	9/14/04	9/24/04	22,300	ND	ND	ND	ND	22300	ND	ND	ND
	PC1012-A-7-10.5'	7-10.5	9/14/04	9/24/04	**146,000**	ND	ND	ND	ND	146000	ND	ND	ND
	PC1012-B-1-4'	1-4	9/14/04	9/24/04	6,770	ND	ND	ND	ND	6770	ND	ND	ND
	PC1012-B-4-7'	4-7	9/14/04	9/21/04	**142,000**	ND	ND	ND	ND	142000	ND	ND	ND
	PC1012-B-7-8'	7-8	9/14/04	9/24/04	11,200	ND	ND	ND	ND	ND	ND	ND	11200
	PC1012-C-1-4'	1-4	9/14/04	9/24/04	13,800	ND	ND	ND	ND	13800	ND	ND	ND
	PC1012-C-4-7'	4-7	9/14/04	9/24/04	4,570	ND	ND	ND	ND	4570	ND	ND	ND
	PC1012-C-7-11'	7-11	9/14/04	9/24/04	6,220	ND	ND	ND	ND	6220	ND	ND	ND
	PC1012-D-1-4'	1-4	9/14/04	9/21/04	21,300	ND	ND	ND	ND	21300	ND	ND	ND
	PC1012-D-4-7'	4-7	9/14/04	9/24/04	**122,000**	ND	ND	ND	ND	122000	ND	ND	ND
	PC1012-D-7-10'	7-10	9/14/04	9/24/04	21,200	ND	ND	ND	ND	21200	ND	ND	ND
	PC1012-E-4-7'	4-7	10/15/04	10/19/04	13,800	ND	ND	ND	ND	13800	ND	ND	ND
	PC1012-E-7-10'	7-10	10/15/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1012-F-1-4'	1-4	10/15/04	10/19/04	5,870	ND	ND	ND	ND	5870	ND	ND	ND
	Duplicate 165 (PC1012-F-1-4')	1-4	10/15/04	10/19/04	8,840	ND	ND	ND	ND	8840	ND	ND	ND
	PC1012-F-4-7'	4-7	10/15/04	10/19/04	7,390	ND	ND	ND	ND	7390	ND	ND	ND
	PC1012-F-7-10'	7-10	10/15/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1012-F-7-10'MS	7-10	10/15/04	10/19/04	11,160	ND	ND	ND	ND	11160	ND	ND	ND
	PC1012-F-7-10'MSD	7-10	10/15/04	10/19/04	12,900	ND	ND	ND	ND	12900	ND	ND	ND
	PC1012-G-1-4'	1-4	10/15/04	10/19/04	10,200	ND	ND	ND	ND	10200	ND	ND	ND
	PC1012-G-4-7'	4-7	10/15/04	10/19/04	12,100	ND	ND	ND	ND	12100	ND	ND	ND
	PC1012-G-7-10.5'	7-10.5	10/15/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1012-H-1-4'	1-4	10/15/04	10/19/04	3,760	ND	ND	ND	ND	3760	ND	ND	ND
	PC1012-H-4-7'	4-7	10/15/04	10/19/04	12,900	ND	ND	ND	ND	12900	ND	ND	ND
	PC1012-H-7-10'	7-10	10/15/04	10/19/04	1,890	ND	ND	ND	ND	1890	ND	ND	ND
	PC1012-I-1-4'	1-4	10/15/04	10/19/04	2,070	ND	ND	ND	ND	2070	ND	ND	ND
	PC1012-I-4-7'	4-7	10/15/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1012-I-7-10'	7-10	10/15/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1012-J-1-4'	1-4'	10/15/04	10/19/04	**229,000**	ND	ND	ND	ND	229000	ND	ND	ND
	PC1012-J-4-7'	4-7'	10/16/04	10/19/04	33,500	ND	ND	ND	ND	33500	ND	ND	ND
	PC1012-J-7-10'	7-10'	10/17/04	10/19/04	2,690	ND	ND	ND	ND	2690	ND	ND	ND
	PC1012-K-1-4'	1-4	10/15/04	10/19/04	**136,000**	ND	ND	ND	ND	136000	ND	ND	ND
	PC1012-K-4-7'	4-7	10/15/04	10/19/04	**62,900**	ND	ND	ND	ND	62900	ND	ND	ND
	PC1012-K-7-10'	7-10	10/15/04	10/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1012-L-1-4'	1-4	11/3/04	11/9/04	4,010	ND	ND	ND	ND	4010	ND	ND	ND
	PC1012-M-1-4'	1-4	11/3/04	11/10/04	5,710	ND	ND	ND	ND	5710	ND	ND	ND
	PC1012-N-1-4'	1-4	10/28/04	10/30/04	8,910	ND	ND	ND	ND	8910	ND	ND	ND
	Duplicate 174 (PC1012-N-1-4')	1-4	10/28/04	10/30/04	7,590	ND	ND	ND	ND	7590	ND	ND	ND
	PC1012-O-1-4'	1-4	10/28/04	10/30/04	11,100	ND	ND	ND	ND	11100	ND	ND	ND
	PC1012-O-1-4'MS	1-4	10/28/04	10/30/04	11,200	ND	ND	ND	ND	11200	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	PC1012-O-1-4'MSD	1-4	10/28/04	10/30/04	13,200	ND	ND	ND	ND	13200	ND	ND	ND
PC1013	PC1013-1-3'	1-3	8/26/04	8/31/04	19,900	ND	ND	ND	ND	19900	ND	ND	ND
	PC1013-3-6.5'	3-6.5	8/26/04	8/31/04	9,760	ND	ND	ND	ND	9760	ND	ND	ND
	Duplicate 118 (PC1013-3-6.5')	3-6.5	8/26/04	8/31/04	6,550	ND	ND	ND	ND	6550	ND	ND	ND
PC1014	PC1014-1-3.5'	1-3.5	6/30/04	8/2/04	12,000	ND	ND	ND	ND	12000	ND	ND	ND
PC1015	PC1015-1-3'	1-3	6/30/04	8/2/04	**68,600**	ND	ND	ND	ND	68600	ND	ND	ND
	PC1015-A-1-3'	1-3	11/17/04	11/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1015-B-1-3'	1-3	11/17/04	11/18/04	4,780	ND	ND	ND	ND	4780	ND	ND	ND
	PC1015-C-1-3'	1-3	11/17/04	11/18/04	2,240	ND	ND	ND	ND	2240	ND	ND	ND
	PC1015-D-1-3'	1-3	11/17/04	11/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC1016	PC1016-1-3'	1-3	6/30/04	8/2/04	13,000	ND	ND	ND	ND	13000	ND	ND	ND
PC1017	PC1017-1-3'	1-3	6/30/04	8/2/04	22,500	ND	ND	ND	ND	22500	ND	ND	ND
PC1018	PC1018-1-3'	1-3	7/1/04	8/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC1019	PC1019-1-3'	1-3	7/1/04	8/11/04	8,580	ND	ND	ND	ND	8580	ND	ND	ND
PC1020	PC1020-1-3.5'	1-3.5	7/1/04	8/11/04	1,810	ND	ND	ND	ND	1810	ND	ND	ND
PC1021	PC1021-1-3'	1-3	7/1/04	8/11/04	11,500	ND	ND	ND	ND	11500	ND	ND	ND
PC1022	PC1022-1-3'	1-3	7/1/04	8/11/04	40,000	ND	ND	ND	ND	40000	ND	ND	ND
PC1023	PC1023-1-5'	1-5	7/20/04	8/31/04	2,750	ND	ND	ND	ND	2750	ND	ND	ND
PC1024	PC1024-1-3'	1-3	7/20/04	8/31/04	23,800	ND	ND	ND	ND	23800	ND	ND	ND
	PC1024-3-5.5	3-5.5	7/20/04	8/31/04	4,920	ND	ND	ND	ND	4920	ND	ND	ND
PC1025	PC1025-1-5'	1-5	7/20/04	8/31/04	7,980	ND	ND	ND	ND	7980	ND	ND	ND
PC1026	PC1026-1-3'	1-3	720/04	8/31/04	1,670	ND	ND	ND	ND	1670	ND	ND	ND
	PC1026-3-5.5'	3-5.5	7/20/04	8/31/04	10,100	ND	ND	ND	ND	10100	ND	ND	ND
PC1027	PC1027-1-3'	1-3	7/21/04	8/17/04	3,610	ND	ND	ND	ND	3610	ND	ND	ND
	PC1027-3-6.5'	3-6.5	7/21/04	8/17/04	30,900	ND	ND	ND	ND	30900	ND	ND	ND
PC1028	PC1028-1-3'	1-3	7/21/04	8/17/04	2,590	ND	ND	ND	ND	2590	ND	ND	ND
PC1029	PC1029-1-3.5'	1-3.5	7/21/04	8/17/04	2,630	ND	ND	ND	ND	2630	ND	ND	ND
PC1030	PC1030-1-3'	1-3	7/21/04	8/17/04	3,620	ND	ND	ND	ND	3620	ND	ND	ND
PC1031	PC1031-1-3'	1-3	7/21/04	8/17/04	2,440	ND	ND	ND	ND	2440	ND	ND	ND
PC1032	PC1032-1-3'	1-3	7/21/04	8/17/04	5,840	ND	ND	ND	ND	5840	ND	ND	ND
PC1033	PC1033-1-3.5'	1-3.5	7/21/04	8/17/04	7,370	ND	ND	ND	ND	7370	ND	ND	ND
PC1034	PC1034-1-3'	1-3	7/21/04	8/17/04	5,050	ND	ND	ND	ND	5050	ND	ND	ND
PC1035	PC1035-1-3'	1-3	7/21/04	8/17/04	11,600	ND	ND	ND	ND	11600	ND	ND	ND
PC1036	PC1036-1-3'	1-3	7/21/04	8/17/04	7,400	ND	ND	ND	ND	7400	ND	ND	ND
PC1037	PC1037-1-3'	1-3	7/21/04	8/17/04	5,980	ND	ND	ND	ND	5980	ND	ND	ND
	Duplicate 56 (PC1037-1-3')	1-3	7/21/04	8/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC1038	PC1038-1-3'	1-3	7/21/04	8/17/04	1,500	ND	ND	ND	ND	1500	ND	ND	ND
PC1039	PC1039-1-3.5'	1-3.5	7/21/04	8/17/04	2,190	ND	ND	ND	ND	2190	ND	ND	ND
PC1040	PC1040-1-3.5	1-3.5	7/21/04	8/17/04	16,800	ND	ND	ND	ND	16800	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Pile Caps
Polychlorinated Biphenyls (PCBs)

Pile Cap	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
PC1041	PC1041-1-3'	1-3	7/21/04	8/17/04	**62,300**	ND	ND	ND	ND	62300	ND	ND	ND
PC1042	PC1042-1-3'	1-3	7/21/04	8/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC1043	PC1043-1-3'	1-3	7/21/04	8/17/04	6,400	ND	ND	ND	ND	6400	ND	ND	ND
PC1044	PC1044-1-3'	1-3	7/21/04	8/17/04	4,500	ND	ND	ND	ND	4500	ND	ND	ND
	PC1044-3-6.5'	3-6.5	7/21/04	8/17/04	2,290	ND	ND	ND	ND	2290	ND	ND	ND
PC1045	PC1045-1-4'	1-4	10/28/04	10/30/04	32,900	ND	ND	ND	ND	32900	ND	ND	ND
	PC1045-4-8'	4-8	10/28/04	10/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1045-8-10'	8-10	10/28/04	10/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC1046	PC1046-1-3'	1-3	7/21/04	8/17/04	20,900	ND	ND	ND	ND	20900	ND	ND	ND
	PC1046-3-6'	3-6	7/21/04	8/17/04	1,320	ND	ND	ND	ND	1320	ND	ND	ND
	PC1046-6-9'	6-9	11/17/04	11/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC1047	PC1047-1-3'	1-3	7/22/04	8/19/04	14,500	ND	ND	ND	ND	14500	ND	ND	ND
	PC1047-3-6'	3-6	7/22/04	8/19/04	46,200	ND	ND	ND	ND	46200	ND	ND	ND
	PC1047-6-9'	6-9	11/17/04	11/23/04	2,760	ND	ND	ND	ND	2760	ND	ND	ND
PC1048	PC1048-1-3'	1-3	7/22/04	8/20/04	2,920	ND	ND	ND	ND	2920	ND	ND	ND
PC1049	PC1049-1-3'	1-3	7/22/04	8/19/04	5,270	ND	ND	ND	ND	5270	ND	ND	ND
PC1050	PC1050-1-4'	1-4	11/17/04	11/24/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1050-4-7'	4-7	11/17/04	11/24/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
PC1051	PC1051-1-4'	1-4	11/17/04	11/24/04	4,620	ND	ND	ND	ND	4620	ND	ND	ND
	PC1051-4-7'	4-7	11/17/04	11/24/04	16,000	ND	ND	ND	ND	16000	ND	ND	ND
PC1052	PC1052-1-3'	1-3	11/17/04	11/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1052-3-6'	3-6	11/17/04	11/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PC1052-6-9.5'	6-9.5	11/17/04	11/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANT-1	ANT-1-1-3'	1-3	6/14/04	7/12/04	6,250	ND	ND	ND	ND	6250	ND	ND	ND
	ANT-1-3-6'	3-6	6/14/04	7/12/04	22,400	ND	ND	ND	ND	22400	ND	ND	ND
ANT-2	ANT-2-1-3'	1-3	6/14/04	7/12/04	6,080	ND	ND	ND	ND	6080	ND	ND	ND
	ANT-2-3-6'	3-6	6/14/04	7/12/04	6,770	ND	ND	ND	ND	6770	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Grade Beams
Polychlorinated Biphenyls

				Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
Sample ID	**Depth**	**Collection Date**	**Analysis Date**									
GB1-1-3'	1-3	7/30/04	8/21/04	17,100	ND	ND	ND	ND	17,100	ND	ND	ND
GB2-1-3'	1-3	7/30/04	8/21/04	11,800	ND	ND	ND	ND	11,800	ND	ND	ND
GB3-1-3'	1-3	7/30/04	8/21/04	**318,000**	ND	ND	ND	ND	318,000	ND	ND	ND
GB3-1-3'MS	1-3	7/30/04	8/21/04	324,000	ND	ND	ND	ND	324,000	ND	ND	ND
GB3-1-3'MSD	1-3	7/30/04	8/21/04	313,000	ND	ND	ND	ND	313,000	ND	ND	ND
GB3-3-6'	3-6	9/22/04	9/29/04	2,110	ND	ND	ND	ND	2,110	ND	ND	ND
GB3-6-9'	6-9	9/22/04	9/29/04	**184,100**	ND	ND	ND	ND	80,100	104,000	ND	ND
GB3-A-1-3'	1-3	9/22/04	9/29/04	11,200	ND	ND	ND	ND	11,200	ND	ND	ND
GB3-A-3-6'	3-6	9/22/04	9/29/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB3-B-1-3'	1-3	9/22/04	9/28/04	4,080	ND	ND	ND	ND	4,080	ND	ND	ND
GB3-B-3-6'	3-6	9/22/04	9/28/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB3-C-1-3'	1-3	9/22/04	9/28/04	24,800	ND	ND	ND	ND	24,800	ND	ND	ND
GB3-C-3-5'	3-5	9/22/04	9/28/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB3-D-1-3'	1-3	9/22/04	9/28/04	10,100	ND	ND	ND	ND	10,100	ND	ND	ND
GB3-D-3-6'	3-6	9/22/04	9/28/04	**63,600**	ND	ND	ND	27,300	36,300	ND	ND	ND
GB3-E-6-7'	6-7	11/2/04	11/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB3-F-6-7'	6-7	11/2/04	11/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB3-G-6-7'	6-7	11/2/04	11/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB3-H-6-7'	6-7	11/2/04	11/3/04	13,100	ND	ND	ND	ND	13,100	ND	ND	ND
GB4-1-2'	1-2	7/30/04	8/21/04	16,200	ND	ND	ND	ND	16,200	ND	ND	ND
GB5-1-2.5'	1-2.5	7/30/04	8/21/04	4,410	ND	ND	ND	ND	4,410	ND	ND	ND
GB6-1-3'	1-3	7/30/04	8/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB7-1-2'	1-2	7/30/04	8/23/04	23,400	ND	ND	ND	ND	23,400	ND	ND	ND
GB8-1-2.5'	1-2.5	7/30/04	8/21/04	2,660	ND	ND	ND	ND	2,660	ND	ND	ND
GB9-1-2'	1-2	7/30/04	8/21/04	10,100	ND	ND	ND	ND	10,100	ND	ND	ND
GB10-1-2.5'	1-2.5	7/30/04	8/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB11-1-3'	1-3	7/30/04	8/23/04	7,230	ND	ND	ND	ND	7,230	ND	ND	ND
Duplicate 79 (GB11-1-3')	1-3	7/30/04	8/24/04	3,650	ND	ND	ND	ND	3,650	ND	ND	ND
GB12-1-2.5'	1-2.5	7/30/04	8/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB13-1-2.5'	1-2.5	7/30/04	8/21/04	13,400	ND	ND	ND	ND	13,400	ND	ND	ND
GB14-1-2'	1-2	7/30/04	8/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB15-1-2'	1-2	7/30/04	8/23/04	2,240	ND	ND	ND	ND	2240	ND	ND	ND
GB16-1-2.5'	1-2.5	7/30/04	8/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB17-1-2.5'	1-2.5	7/30/04	8/21/04	1,480	ND	ND	ND	ND	1480	ND	ND	ND
GB18-1-2'	1-2	7/30/04	8/21/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB19-1-2'	1-2	7/30/04	8/23/04	2,080	ND	ND	ND	ND	2080	ND	ND	ND
GB20-1-2.5'	1-2.5	7/30/04	8/23/04	36,900	ND	ND	ND	ND	36900	ND	ND	ND
GB21-1-2.5'	1-2.5	7/30/04	8/23/04	8,670	ND	ND	ND	ND	8670	ND	ND	ND
GB22-1-2'	1-2	7/30/04	8/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB23-1-2'	1-2	7/30/04	8/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB24-1-2.5'	1-2.5	7/30/04	8/23/04	4,150	ND	ND	ND	ND	4150	ND	ND	ND
GB25-1-2.5'	1-2.5	7/30/04	8/23/04	19,900	ND	ND	ND	ND	19900	ND	ND	ND

Grade Beams
Polychlorinated Biphenyls

				Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
Sample ID	**Depth**	**Collection Date**	**Analysis Date**									
GB26-1-2'	1-2	7/30/04	8/23/04	14,200	ND	ND	ND	ND	14200	ND	ND	ND
GB27-1-2.5'	1-2.5	7/30/04	8/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB28-1-2.5'	1-2.5	7/30/04	8/23/04	5,540	ND	ND	ND	ND	5,540	ND	ND	ND
GB28-1-2.5'MS	1-2.5	7/30/04	8/23/04	13,400	ND	ND	ND	ND	13,400	ND	ND	ND
GB28-1-2.5'MSD	1-2.5	7/30/04	8/23/04	12,500	ND	ND	ND	ND	12,500	ND	ND	ND
GB29-1-2.5'	1-2.5	7/30/04	8/23/04	13,000	ND	ND	ND	ND	13,000	ND	ND	ND
Duplicate 81 (GB29-1-2.5')	1-2.5	7/30/04	8/24/04	5,390	ND	ND	ND	ND	5,390	ND	ND	ND
GB30-1-2.5'	1-2.5	7/30/04	8/23/04	6,400	ND	ND	ND	ND	6,400	ND	ND	ND
GB31-1-2'	1-2	7/30/04	8/23/04	9,360	ND	ND	ND	ND	9,360	ND	ND	ND
GB32-1-2'	1-2	7/30/04	8/24/04	1,580	ND	ND	ND	ND	1,580	ND	ND	ND
GB33-1-2'	1-2	7/30/04	8/24/04	25,900	ND	ND	ND	ND	25,900	ND	ND	ND
GB34-1-2'	1-2	7/30/04	8/24/04	1,320	ND	ND	ND	ND	1,320	ND	ND	ND
GB35-1-2'	1-2	7/30/04	8/23/04	13,100	ND	ND	ND	ND	13,100	ND	ND	ND
GB35-2-6.5'	2-6.5	11/17/04	11/18/04	26,600	ND	ND	ND	ND	26,600	ND	ND	ND
GB36-1-2'	1-2	7/30/04	8/24/04	8,230	ND	ND	ND	ND	8,230	ND	ND	ND
GB37-1-2.5'	1-2.5	7/30/04	8/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB38-1-2.5'	1-2.5	7/30/04	8/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB39-1-2'	1-2	7/30/04	8/23/04	5,630	ND	ND	ND	ND	5,630	ND	ND	ND
GB40-1-2'	1-2	7/30/04	8/23/04	1,940	ND	ND	ND	ND	1,940	ND	ND	ND
GB41-1-2.5'	1-2.5	7/30/04	8/24/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB42-1-3'	1-3	7/30/04	8/24/04	2,150	ND	ND	ND	ND	2,150	ND	ND	ND
GB42-1-3'MS	1-3	7/30/04	8/24/04	6,680	ND	ND	ND	ND	6,680	ND	ND	ND
GB42-1-3'MSD	1-3	7/30/04	8/24/04	7,720	ND	ND	ND	ND	7,720	ND	ND	ND
GB43-1-2'	1-2	7/30/04	8/23/04	5,650	ND	ND	ND	ND	5,650	ND	ND	ND
GB44-1-2.5'	1-2.5	7/30/04	8/24/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB45-1-2'	1-2	7/30/04	8/24/04	12,100	ND	ND	ND	ND	12,100	ND	ND	ND
GB46-1-2.5'	1-2.5	7/30/04	8/24/04	22,600	ND	ND	ND	ND	22,600	ND	ND	ND
GB47-1-3'	1-3	7/30/04	8/24/04	3,880	ND	ND	ND	ND	3,880	ND	ND	ND
GB48-1-2.5'	1-2.5	7/30/04	8/24/04	9,390	ND	ND	ND	ND	9,390	ND	ND	ND
GB49-1-3'	1-3	7/30/04	8/24/04	5,440	ND	ND	ND	ND	5,440	ND	ND	ND
GB50-1-3'	1-3	7/30/04	8/24/04	4,360	ND	ND	ND	ND	4,360	ND	ND	ND
GB52-1-2.5'	1-2.5	7/30/04	8/24/04	6,950	ND	ND	ND	ND	6,950	ND	ND	ND
Duplicate 82 (GB52-1-2.5')	1-2.5	7/30/04	8/24/04	5,660	ND	ND	ND	ND	5,660	ND	ND	ND
GB53-1-2.5'	1-2.5	7/30/04	8/24/04	2,830	ND	ND	ND	ND	2,830	ND	ND	ND
GB54-1-2.5'	1-2.5	7/30/04	8/24/04	2,150	ND	ND	ND	ND	2,150	ND	ND	ND
GB55-1-3'	1-3	7/30/04	8/24/04	9,470	ND	ND	ND	ND	9,470	ND	ND	ND
GB56-1-2.5'	1-2.5	8/4/04	9/3/04	1,180	ND	ND	ND	ND	1,180	ND	ND	ND
GB57-1-3'	1-3	8/4/04	8/31/04	**50,900**	ND	ND	ND	ND	50,900	ND	ND	ND
GB57-C-1-3'	1-3	12/3/04	12/8/04	17,800	ND	ND	ND	ND	17,800	ND	ND	ND
GB58-1-2.5'	1-2.5	8/4/04	9/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB59-1-2.5'	1-2.5	8/4/04	9/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB60-1-2.5'	1-2.5	8/4/04	9/3/04	2,440	ND	ND	ND	ND	2,440	ND	ND	ND

Grade Beams
Polychlorinated Biphenyls

				Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
Sample ID	**Depth**	**Collection Date**	**Analysis Date**									
Duplicate 91 (GB60-1-2.5')	1-2.5'	8/4/04	9/4/04	1,330	ND	ND	ND	ND	1,330	ND	ND	ND
GB60-1-2.5'MS	1-2.5	8/4/04	9/3/04	1,770	ND	ND	ND	ND	1,770	ND	ND	ND
GB60-1-2.5'MSD	1-2.5	8/4/04	9/3/04	5,840	ND	ND	ND	ND	5,840	ND	ND	ND
GB61-1-2.5'	1-2.5	8/4/04	9/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB62-1-2.5	1-2.5	8/4/04	9/3/04	2,610	ND	ND	ND	ND	2,610	ND	ND	ND
GB63-1-2.5'	1-2.5	8/4/04	9/3/04	6,700	ND	ND	ND	ND	6,700	ND	ND	ND
GB64-1-2.5'	1-2.5	8/4/04	9/3/04	2,140	ND	ND	ND	ND	2,140	ND	ND	ND
GB65-1-2'	1-2	8/26/04	8/31/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB66-1-2'	1-2	8/4/04	9/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB67-1-2'	1-2	8/4/04	9/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB68-1-2.5'	1-2.5	8/4/04	9/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB69-1-2.5'	1-2.5	8/4/04	9/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB70-1-2.5'	1-2.5	8/4/04	9/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB71-1-2.5'	1-2.5	8/4/04	9/3/04	5,890	ND	ND	ND	ND	5,890	ND	ND	ND
GB72-1-2.5'	1-2.5	8/4/04	9/3/04	7,020	ND	ND	ND	ND	7,020	ND	ND	ND
GB73-1-2.5'	1-2.5	8/4/04	9/3/04	9,310	ND	ND	ND	ND	9,310	ND	ND	ND
GB74-1-2.5'	1-2.5	8/4/04	9/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB75-1-3'	1-3	8/4/04	9/4/04	3,310	ND	ND	ND	ND	3,310	ND	ND	ND
Duplicate 93 (GB75-1-3')	1-3	8/4/04	9/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB75-1-3'MS	1-3	8/4/04	9/4/04	4,650	ND	ND	ND	ND	4,650	ND	ND	ND
GB75-1-3'MSD	1-3	8/4/04	9/4/04	3,620	ND	ND	ND	ND	3,620	ND	ND	ND
GB76-1-3.5'	1-3.5	12/2/04	12/4/04	1,750	ND	ND	ND	ND	1,750	ND	ND	ND
GB77-1-3'	1-3	8/4/04	9/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB78-1-2.5'	1-2.5	8/4/04	9/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB79-1-2.5'	1-2.5	8/4/04	9/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB80-1-2.5'	1-2.5	8/4/04	9/4/04	2,280	ND	ND	ND	ND	2,280	ND	ND	ND
GB81-1-2.5'	1-2.5	8/4/04	9/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
GB82-1-3'	1-3	8/4/04	9/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

McCoy Field
Project No. 02685

Building Subsurface Utilities
Polychlorinated Biphenyls

				Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
Sample ID	**Depth**	**Collection Date**	**Analysis Date**									
BS-1-1-4'	1-4	10/29/04	11/2/04	8,570	ND	ND	ND	ND	8,570	ND	ND	ND
BS-2-1-4'	1-4	10/29/04	11/2/04	8,380	ND	ND	ND	ND	8,380	ND	ND	ND
BS-3-1-4'	1-4	10/29/04	11/2/04	4,670	ND	ND	ND	ND	4,670	ND	ND	ND
BS-4-1-4'	1-4	10/29/04	11/2/04	6,040	ND	ND	ND	ND	6,040	ND	ND	ND
BS-5-1-4'	1-4	10/29/04	11/2/04	4,790	ND	ND	ND	ND	4,790	ND	ND	ND
BS-6-1-5'	1-5	10/29/04	11/2/04	2,620	ND	ND	ND	ND	2,620	ND	ND	ND
BS-7-1-4'	1-4	10/29/04	11/2/04	8,820	ND	ND	ND	ND	8,820	ND	ND	ND
BS-8-1-3.5'	1-3.5	10/29/04	11/2/04	1,770	ND	ND	ND	ND	1,770	ND	ND	ND
BS-9-1-4.5'	1-4.5	10/29/04	11/2/04	7,660	ND	ND	ND	ND	7,660	ND	ND	ND
BS-10-1-4.5'	1-4.5	10/29/04	11/2/04	5,160	ND	ND	ND	ND	5,160	ND	ND	ND
BS-11-1-4'	1-4	10/29/04	11/2/04	26,600	ND	ND	ND	ND	26,600	ND	ND	ND
BS-12-1-4'	1-4	10/29/04	11/2/04	33,400	ND	ND	ND	ND	33,400	ND	ND	ND
BS-13-1-5'	1-5	10/29/04	11/2/04	3,220	ND	ND	ND	ND	3,220	ND	ND	ND
BS-14-1-4'	1-4	10/29/04	11/2/04	12,700	ND	ND	ND	ND	12,700	ND	ND	ND
BS-15-1-3.25'	1-3.25	10/29/04	11/2/04	21,600	ND	ND	ND	ND	21,600	ND	ND	ND
BS-16-1-3'	1-3	10/29/04	11/2/04	27,800	ND	ND	ND	ND	27,800	ND	ND	ND
BS-17-1-3'	1-3	10/29/04	11/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-18-1-2'	1-2	10/29/04	11/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-19-1-3.5'	1-3.5	10/29/04	11/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-20-1-2.5'	1-2.5	10/29/04	11/4/04	1,480	ND	ND	ND	ND	1,480	ND	ND	ND
BS-21-1-2.5'	1-2.5	10/29/04	11/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-22-1-2'	1-2	10/29/04	11/4/04	1,250	ND	ND	ND	ND	1,250	ND	ND	ND
BS-23-1-2'	1-2	10/29/04	11/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-25-1-2.5'	1-2.5	10/29/04	11/3/04	1,280	ND	ND	ND	ND	1,280	ND	ND	ND
BS-26-1-3'	1-3	10/29/04	11/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-26-1-3'MS	1-3	10/29/04	11/3/04	4,930	ND	ND	ND	ND	4,930	ND	ND	ND
BS-26-1-3'MSD	1-3	10/29/04	11/3/04	4,610	ND	ND	ND	ND	4610	ND	ND	ND
Duplicate 175		10/29/04	11/3/04	1,120	ND	ND	ND	ND	1120	ND	ND	ND
BS27-1-2'	1-2	10/29/04	11/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-29-1-1.5'	1-1.5	10/29/04	11/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-30-1-2.5'	1-2.5	10/29/04	11/3/04	1,610	ND	ND	ND	ND	1610	ND	ND	ND
BS-31-1-1.5'	1-1.5	10/29/04	11/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-32-1-2'	1-2	10/29/04	11/3/04	4,250	ND	ND	ND	ND	4250	ND	ND	ND
BS-33-1-1.5'	1-1.5	10/29/04	11/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-34-1-2.5'	1-2.5	10/29/04	11/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-35-1-1.5'	1-1.5	11/2/04	11/6/04	18,400	ND	ND	ND	ND	18400	ND	ND	ND
BS-36-1-2'	1-2	11/2/04	11/6/04	7,340	ND	ND	ND	ND	7340	ND	ND	ND
BS-37-1-2.5'	1-2.5	11/2/04	11/6/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-38-1-2.5'	1-2.5	11/2/04	11/6/04	20,600	ND	ND	ND	ND	20,600	ND	ND	ND
Duplicate 179 (BS38-1-2.5')	1-2.5	11/2/04	11/8/04	11,600	ND	ND	ND	ND	11,600	ND	ND	ND
BS-39-1-3'	1-3	11/2/04	11/8/04	2,660	ND	ND	ND	ND	2,660	ND	ND	ND
BS-40-1-1.5'	1-1.5	11/2/04	11/8/04	11,200	ND	ND	ND	ND	11,200	ND	ND	ND

Building Subsurface Utilities
Polychlorinated Biphenyls

Sample ID	Depth	Collection Date	Analysis Date	Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
BS-41-1-1.5'	1-1.5	11/2/04	11/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-42-1-2'	1-2	11/2/04	11/9/04	5,270	ND	ND	ND	ND	5,270	ND	ND	ND
BS-43-1-2'	1-2	11/2/04	11/8/04	3,200	ND	ND	ND	ND	3,200	ND	ND	ND
BS-44-1-2.5'	1-2.5	11/2/04	11/8/04	3,200	ND	ND	ND	ND	3,200	ND	ND	ND
BS-45-1-2.5'	1-2.5	11/2/04	11/8/04	5,690	ND	ND	ND	ND	5,690	ND	ND	ND
BS-46-1-2.5'	1-2.5	10/29/04	11/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-47-1-3'	1-3	10/29/04	11/4/04	18,600	ND	ND	ND	ND	18,600	ND	ND	ND
BS-48-1-3.5'	1-3.5	10/29/04	11/4/04	6,740	ND	ND	ND	ND	6,740	ND	ND	ND
BS-49-1-4'	1-4	10/29/04	11/4/04	13,700	ND	ND	ND	ND	13,700	ND	ND	ND
BS-50-1-4.5'	1-4.5	10/29/04	11/4/04	19,300	ND	ND	ND	ND	19,300	ND	ND	ND
BS-51-1-5'	1-5	10/29/04	11/4/04	1,570	ND	ND	ND	ND	1,570	ND	ND	ND
BS-52-1-1.25'	1-1.25	10/29/04	11/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-53-1-1.5'	1-1.5	10/29/04	11/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-54-1-1.5'	1-1.5	10/29/04	11/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-55-1-1.25'	1-1.25	10/29/04	11/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-56-1-1.25'	1-1.25	10/29/04	11/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-57-1-2.5'	1-2.5	10/29/04	11/4/04	10,900	ND	ND	ND	ND	10,900	ND	ND	ND
BS-58-1-4'	1-4	11/2/04	11/8/04	3,700	ND	ND	ND	ND	3,700	ND	ND	ND
Duplicate 178 (BS-58-1-4')	1-4	11/2/04	11/8/04	4,980	ND	ND	ND	ND	4,980	ND	ND	ND
BS-59-1-1.5'	1-1.5	11/2/04	11/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-60-1-5'	1-5	11/2/04	11/8/04	11,800	ND	ND	ND	ND	11,800	ND	ND	ND
BS61-2-6'	2-6	11/17/04	11/5/04	9,230	ND	ND	ND	ND	9,230	ND	ND	ND
Duplicate 191 (BS61-2-6')	2-6	11/17/04	11/18/04	6,440	ND	ND	ND	ND	6,440	ND	ND	ND
BS-61-1-2'	1-2	10/29/04	11/18/04	2,190	ND	ND	ND	ND	2,190	ND	ND	ND
BS-62-1-2.5'	1-2.5	10/29/04	11/5/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-63-1-3'	1-3	10/29/04	11/4/04	7,800	ND	ND	ND	ND	7,800	ND	ND	ND
BS-64-1-3.5'	1-3.5	10/29/04	11/4/04	8,350	ND	ND	ND	ND	8,350	ND	ND	ND
BS-65-1-4'	1-4	10/29/04	11/4/04	32,500	ND	ND	ND	ND	32,500	ND	ND	ND
BS-66-1-5'	1-5	10/29/04	11/5/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-67-1-1.5'	1-1.5	10/29/04	11/5/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-68-1-1.5'	1-1.5	10/29/04	11/5/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-69-1-1.5'	1-1.5	11/3/04	11/9/04	**98,800**	ND	ND	ND	ND	98,800	ND	ND	ND
BS-69-1.5-2.5'	1.5-2.5	12/2/04	12/4/04	14,200	ND	ND	ND	ND	14,200	ND	ND	ND
BS-69-E-1-1.5'	1-1.5	11/11/04	11/15/04	48,000	ND	ND	ND	ND	48,000	ND	ND	ND
BS-69-W-1-1.5'	1-1.5	11/11/04	11/15/04	**138,700**	ND	ND	ND	ND	138,700	ND	ND	ND
BS-69-A-1-2'	1-2	11/17/04	11/18/04	32,500	ND	ND	ND	ND	32,500	ND	ND	ND
BS-69-B-1-2'	1-2	11/17/04	11/18/04	2,280	ND	ND	ND	ND	2,280	ND	ND	ND
BS-69-C-1-2'	1-2	11/17/04	11/18/04	7,700	ND	ND	ND	ND	7,700	ND	ND	ND
BS-70-1-1.5'	1-1.5	11/3/04	11/9/04	20,100	ND	ND	ND	ND	20,100	ND	ND	ND
BS-71-1-1.5'	1-1.5	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-72-1-1.5'	1-1.5	11/3/04	11/9/04	30,600	ND	ND	ND	ND	30,600	ND	ND	ND

Building Subsurface Utilities
Polychlorinated Biphenyls

Sample ID	Depth	Collection Date	Analysis Date	Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
BS-73-1-1.5'	1-1.5	11/3/04	11/10/04	2,240	ND	ND	ND	ND	2,240	ND	ND	ND
BS-74-1-2'	1-2	11/3/04	11/9/04	3,520	ND	ND	ND	ND	3,520	ND	ND	ND
BS-75-1-1.5'	1-1.5	11/3/04	11/9/04	18,400	ND	ND	ND	ND	18,400	ND	ND	ND
BS-76-1-1.5'	1-1.5	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-77-1-2'	1-2	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-78-1-1.5'	1-1.5	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-79-1-4'	1-4	11/3/04	11/9/04	24,800	ND	ND	ND	ND	24,800	ND	ND	ND
Duplicate 181 (BS79-1-4')	1-4	11/3/04	11/9/04	23,600	ND	ND	ND	ND	23,600	ND	ND	ND
BS-80-1-2'	1-2	11/3/04	11/9/04	4,000	ND	ND	ND	ND	4,000	ND	ND	ND
BS-81-1-2'	1-2	11/3/04	11/9/04	13,600	ND	ND	ND	ND	13,600	ND	ND	ND
BS-82-1-5'	1-5	11/3/04	11/9/04	8,510	ND	ND	ND	ND	8,510	ND	ND	ND
BS-83-1-1.5	1-1.5	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-84-1-3.75'	1-3.75	11/3/04	11/9/04	14,500	ND	ND	ND	ND	14,500	ND	ND	ND
BS-85-1-2'	1-2	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-86-1-2'	1-2	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-87-1-5.5'	1-5.5	11/3/04	11/9/04	4,020	ND	ND	ND	ND	4,020	ND	ND	ND
BS-88-1-5.5'	1-5.5	11/3/04	11/9/04	2,000	ND	ND	ND	ND	2,000	ND	ND	ND
BS-89-1-6'	1-6	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-90-1-4'	1-4	11/3/04	11/9/04	2,830	ND	ND	ND	ND	2,830	ND	ND	ND
BS-90-4-7'	4-7	11/3/04	11/9/04	13,200	ND	ND	ND	ND	13,200	ND	ND	ND
Duplicate 184 (BS90-4-7')	4-7	11/3/04	11/10/04	8,350	ND	ND	ND	ND	8,350	ND	ND	ND
BS-91-1-4'	1-4	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-91-4-6.75'	4-6.75	11/3/04	11/9/04	2,650	ND	ND	ND	ND	2,650	ND	ND	ND
BS-92-1-2'	1-2	11/3/04	11/9/04	3,200	ND	ND	ND	ND	3,200	ND	ND	ND
BS-93-1-2'	1-2	11/3/04	11/10/04	2,000	ND	ND	ND	ND	2,000	ND	ND	ND
BS-94-1-4.5'	1-4.5	11/3/04	11/10/04	2,700	ND	ND	ND	ND	2,700	ND	ND	ND
BS-95-1-2'	1-2	11/3/04	11/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-96-1-6'	1-6	11/3/04	11/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-97-1-5.25'	1-5.25	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
Duplicate 182 (BS-97-1-5.25')	1-5.25	11/3/04	11/10/04	13,800	ND	ND	ND	ND	13,800	ND	ND	ND
BS-98-1-5'	1-5	11/3/04	11/10/04	5,450	ND	ND	ND	ND	5,450	ND	ND	ND
BS-99-1-4.25'	1-4.25	11/3/04	11/10/04	20,100	ND	ND	ND	ND	20,100	ND	ND	ND
BS-100-1-4'	1-4	11/3/04	11/9/04	6,190	ND	ND	ND	ND	6,190	ND	ND	ND
BS-101-1-3.75'	1-3.75	11/3/04	11/9/04	3,650	ND	ND	ND	ND	3,650	ND	ND	ND
BS-102-1-2'	1-2	11/3/04	11/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-103-1-2.75'	1-2.75	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-104-1-4'	1-4	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-105-1-1.5'	1-1.5	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-106-1-4'	1-4	11/3/04	11/9/04	2,180	ND	ND	ND	ND	2,180	ND	ND	ND
BS-107-1-3.25'	1-3.25	11/3/04	11/10/04	40,000	ND	ND	ND	ND	40,000	ND	ND	ND
BS-108-1-1.75'	1-1.75	11/3/04	11/10/04	3,440	ND	ND	ND	ND	3,440	ND	ND	ND
BS-109-1-3.75'	1-3.75	11/3/04	11/10/04	8,520	ND	ND	ND	ND	8,520	ND	ND	ND

Building Subsurface Utilities
Polychlorinated Biphenyls

				Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
Sample ID	**Depth**	**Collection Date**	**Analysis Date**									
BS-110-1-3.75'	1-3.75	11/3/04	11/10/04	18,100	ND	ND	ND	ND	18,100	ND	ND	ND
BS-111-1-4.5'	1-4.5	11/3/04	11/9/04	8,620	ND	ND	ND	ND	8,620	ND	ND	ND
BS-112-1-4'	1-4	11/3/04	11/10/04	48,000	ND	ND	ND	ND	48,000	ND	ND	ND
BS-112-4-7'	4-7	11/3/04	11/10/04	5,960	ND	ND	ND	ND	5,960	ND	ND	ND
BS-113-1-4'	1-4	11/3/04	11/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-113-4-7'	4-7	11/3/04	11/10/04	6,670	ND	ND	ND	ND	6,670	ND	ND	ND
BS-114-1-5'	1-5	11/3/04	11/9/04	2,530	ND	ND	ND	ND	2,530	ND	ND	ND
BS-115-1-2'	1-2	11/3/04	11/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-116-1-2'	1-2	11/3/04	11/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-117-1-2'	1-2	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-118-1-1.75'	1-1.75	11/3/04	11/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

McCoy Field
Project No. 02685

Utility Tie-Ins
Polychlorinated Biphenyls

Tie-In	Sample ID	Depth	Collection Date	Analysis Date	Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
TI-1A	TI-1A-1-4'	1-4	10/20/04	10/26/04	21,700	ND	ND	ND	ND	21,700	ND	ND	ND
	TI-1A-4-8'	4-8	10/20/04	10/26/04	3,600	ND	ND	ND	ND	3,600	ND	ND	ND
	TI-1A-8-11'	8-11	10/20/04	10/26/04	3,720	ND	ND	ND	ND	3,720	ND	ND	ND
TI-2A	TI-2A-1-4'	1-4	10/20/04	10/26/04	**60,900**	ND	ND	ND	ND	60,900	ND	ND	ND
	TI-2A-4-8'	4-8	10/20/04	10/26/04	7,210	ND	ND	ND	ND	7,210	ND	ND	ND
	TI-2A-8-11'	8-11	10/20/04	10/26/04	2,870	ND	ND	ND	ND	2,870	ND	ND	ND
TI-3A	TI-3A-1-4'	1-4	10/20/04	10/26/04	10,200	ND	ND	ND	ND	10,200	ND	ND	ND
	TI-3A-4-8'	4-8	10/20/04	10/27/04	44,600	ND	ND	ND	ND	44,600	ND	ND	ND
	TI-3A-8-11'	8-11	10/20/04	10/26/04	2,350	ND	ND	ND	ND	2,350	ND	ND	ND
TI-4A	TI-4A-0-4'	0-4	10/20/04	10/26/04	3,680	ND	ND	ND	ND	3,680	ND	ND	ND
	TI-4A-4-8'	4-8	10/20/04	10/26/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TI-4A-8-9'	8-9	10/20/04	10/26/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
TI-5A	TI-5A-1-4'	1-4	10/20/04	10/27/04	**75,000**	ND	ND	ND	ND	75,000	ND	ND	ND
	TI-5A-4-8'	4-8	10/20/04	10/26/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TI-5A-8-9.25'	8-9.25	10/20/04	10/26/04	10,600	ND	ND	ND	ND	10,600	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

North Corridor
Polychlorinated Biphenyls

Quadrant	Sample ID	Depth	Collection Date	Analysis Date	Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268	Method 680 Homologs
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~	~
Q40	Q40-2-4'	2-4	5/26/04	6/5/04	1,530	ND	ND	ND	ND	1,530	ND	ND	ND	~
	Q40-4-8'	4-8	5/26/04	6/5/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
Q41	Q41-2-4'	2-4	5/26/04	6/5/04	25,900	ND	ND	ND	ND	ND	ND	ND	25,900	~
	Q41-4-6'	4-6	5/26/04	6/5/04	6,470	ND	ND	ND	ND	6,470	ND	ND	ND	~
	Q41-6-8.5'	6-8.5	5/26/04	6/5/04	1,410	ND	ND	ND	ND	1,410	ND	ND	ND	~
	Q41-OS-9-10'	9-10	5/26/04	6/8/04	ND	ND	ND	~	ND	ND	ND	ND	~	~
Q42	Q42-2-4'	2-4	5/26/04	6/5/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q42-4-6'	4-6	5/26/04	6/5/04	9,140	ND	ND	ND	ND	9,140	ND	ND	ND	~
	Q42-6-8.5'	6-8.5	5/26/04	6/5/04	7,570	ND	ND	ND	ND	7,570	ND	ND	ND	~
	Q42-OS-9-10'	9-10	5/26/04	6/8/04	ND	ND	ND	~	ND	ND	ND	ND	~	~
Q43	Q43-2-4'	2-4	5/26/04	6/5/04	2,190	ND	ND	ND	ND	2,190	ND	ND	ND	~
	Q43-4-6'	4-6	5/26/04	6/11/04	**99,000**	ND	ND	ND	ND	99,000	ND	ND	ND	~
	Q43-6-8.5'	6-8.5	5/26/04	6/12/04	**108,000**	ND	ND	ND	ND	108,000	ND	ND	ND	~
	Q43-OS-9-10'	9-10	5/26/04	6/8/04	ND	ND	ND	~	ND	ND	ND	ND	~	~
	Q43-A-4-6'	4-6	6/30/04	7/31/04	20,300	ND	ND	ND	ND	20300	ND	ND	ND	~
	Q43-A-6-9'	6-9	6/30/04	7/31/04	10,200	ND	ND	ND	ND	10200	ND	ND	ND	~
	Duplicate 68 (Q43-A-6-9')	6-9	6/30/04	8/7/04	6,490	ND	ND	ND	ND	6490	ND	ND	ND	
	Q43-B-4-6'	4-6	6/30/04	7/31/04	4,750	ND	ND	ND	ND	4750	ND	ND	ND	~
	Q43-B-6-9'	6-9	6/30/04	7/31/04	4,250	ND	ND	ND	ND	4250	ND	ND	ND	~
	Q43-B-6-9'MS	6-9	6/30/04	7/31/04	11,200	ND	ND	ND	ND	11200	ND	ND	ND	~
	Q43-B-6-9'MSD	6-9	6/30/04	7/31/04	17,100	ND	ND	ND	ND	17100	ND	ND	ND	~
	Q43-C-4-6'	4-6	6/30/04	7/31/04	2,380	ND	ND	ND	ND	2380	ND	ND	ND	~
	Q43-C-6-9'	6-9	6/30/04	7/31/04	2,470	ND	ND	ND	ND	2470	ND	ND	ND	~
	Q43-D-4-6'	4-6	6/30/04	7/31/04	1,720	ND	ND	ND	ND	1720	ND	ND	ND	~
	Q43-D-6-8.5'	6-8.5	6/30/04	7/31/04	47,600	ND	ND	ND	ND	47600	ND	ND	ND	~
	Q43-E-4-6'	4-6	6/30/04	7/31/04	**50,900**	ND	ND	ND	ND	50900	ND	ND	ND	~
	Q43-E-6-8.5'	6-8.5	6/30/04	7/31/04	4,720	ND	ND	ND	ND	4720	ND	ND	ND	~
	Q43-F-4-6'	4-6	6/30/04	7/31/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q43-F-6-9.5'	6-9.5	6/30/04	7/31/04	9,870	ND	ND	ND	ND	9870	ND	ND	ND	~
Q44	Q44-1-3'	1-3	5/26/04	6/5/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q44-3-6'	3-6	5/26/04	6/5/04	5,880	ND	ND	ND	ND	5,880	ND	ND	ND	~
	Q44-6-9'	6-9	5/26/04	6/5/04	6,370	ND	ND	ND	ND	6,370	ND	ND	ND	~
Q45	Q45-1-3'	1-3	5/26/04	6/5/04	1,500	ND	ND	ND	ND	1,500	ND	ND	ND	~
	Q45-3-6'	3-6	5/26/04	6/5/04	3,450	ND	ND	ND	ND	3,450	ND	ND	ND	~
	Q45-6-9'	6-9	5/26/04	6/5/04	3,560	ND	ND	ND	ND	3,560	ND	ND	ND	~
Q46	Q46-1-4'	1-4	5/26/04	6/5/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q46-4-7'	4-7	5/26/04	6/5/04	6,340	ND	ND	ND	ND	6,340	ND	ND	ND	~
	Q46-4-7'MS	4-7	5/26/04	6/5/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q46-4-7'MSDUP	4-7	5/26/04	6/5/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

North Corridor
Polychlorinated Biphenyls

Quadrant	Sample ID	Depth	Collection Date	Analysis Date	Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268	Method 680 Homologs
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~	~
	Q46-7-10'	7-10	5/26/04	6/5/04	7,180	ND	ND	ND	ND	7,180	ND	ND	ND	~
	Q46-OS-10.5-11.5'	10.5-11.5	5/26/04	6/8/04	ND	ND	ND	~	ND	ND	ND	ND	~	~
Q47	Q47-1-3'	1-3	5/26/04	6/5/04	3,240	ND	ND	ND	ND	3,240	ND	ND	ND	~
	Q47-3-6'	3-6	5/26/04	6/5/04	3,730	ND	ND	ND	ND	3,730	ND	ND	ND	~
	Q47-6-9'	6-9	5/26/04	6/5/04	8,630	ND	ND	ND	ND	8,630	ND	ND	ND	~
Q48	Q48-1-3'	1-3	5/26/04	6/5/04	2,640	ND	ND	ND	ND	2,640	ND	ND	ND	~
	Q48-3-6'	3-6	5/26/04	6/5/04	10,600	ND	ND	ND	ND	10,600	ND	ND	ND	~
Q49	Q49-1-3'	1-3	5/26/04	6/5/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q49-3-5'	3-5	5/26/04	6/5/04	1,800	ND	ND	ND	ND	1,800	ND	ND	ND	~
	Q49-5-8'	5-8	5/26/04	6/5/04	6,730	ND	ND	ND	ND	6,730	ND	ND	ND	~
	Q49-OS-9.5-10.5'	9.5-10.5	5/26/04	6/8/04	ND	ND	ND	~	ND	ND	ND	ND	~	~
Q50	Q50-1-4'	1-4	5/26/04	6/5/04	2,860	ND	ND	ND	ND	2,860	ND	ND	ND	~
	Q50-4-7'	4-7	5/26/04	6/5/04	5,310	ND	ND	ND	ND	5,310	ND	ND	ND	~
	Q50-7-11'	7-11	5/26/04	6/6/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q50-OS-11.5-12'	11.5-12	5/26/04	6/8/04	ND	ND	ND	~	ND	ND	ND	ND	~	~
Q51	Q51-1-4'	1-4	5/26/04	6/6/04	9,140	ND	ND	ND	ND	3,410	ND	ND	5,730	~
	Q51-4-7'	4-7	5/26/04	6/6/04	2,560	ND	ND	ND	ND	2,560	ND	ND	ND	~
	Q51-7-10'	7-10	5/26/04	6/6/04	1,720	ND	ND	ND	ND	1,720	ND	ND	ND	~
	Q51-OS-10.5-11.5'	10.5-11.5	5/26/04	6/8/04	ND	ND	ND	~	ND	ND	ND	ND	~	~
Q52	Q52-1-4'	1-4	6/14/04	7/13/04	9,650	ND	ND	ND	ND	9,650	ND	ND	ND	~
	Q52-4-7'	4-7	6/14/04	7/4/04	4,520	ND	ND	ND	ND	4,520	ND	ND	ND	~
	Duplicate 27		6/14/04	7/13/04	6,240	ND	ND	ND	ND	6,240	ND	ND	ND	~
	Q52-7-11'	7-11	6/14/04	7/4/04	5,320	ND	ND	ND	ND	5,320	ND	ND	ND	~
	Q52-OS-11.5-12'	11.5-12	6/14/04	6/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
Q53	Q53-1-4'	1-4	6/14/04	7/4/04	2,940	ND	ND	ND	ND	2,940	ND	ND	ND	~
	Q53-1-4'MS	1-4	6/14/04	7/4/04	4,810	ND	ND	ND	ND	4,810	ND	ND	ND	~
	Q53-1-4'MSD	1-4	6/14/04	7/4/04	4,670	ND	ND	ND	ND	4,670	ND	ND	ND	~
	Q53-4-8'	4-8	6/14/04	7/4/04	1,450	ND	ND	ND	ND	1,450	ND	ND	ND	~
former Q54	Q54-1-4'	1-4	6/14/04	7/4/04	2,640	ND	ND	ND	ND	2,640	ND	ND	ND	~
	Q54-4-7'	4-7	6/14/04	7/4/04	1,640	ND	ND	ND	ND	1,640	ND	ND	ND	~
	Q54-7-11'	7-11	6/14/04	7/4/04	1,450	ND	ND	ND	ND	1,450	ND	ND	ND	~
	Q54-OS-11-12'	11-12	6/14/04	6/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
former Q55	Q55-1-4'	1-4	6/14/04	7/13/04	1,560	ND	ND	ND	ND	1,560	ND	ND	ND	~
	Q55-4-8'	4-8	6/14/04	7/4/04	3,710	ND	ND	ND	ND	3,710	ND	ND	ND	~
	Q55-8-11'	8-11	6/30/04	7/31/04	2,060	ND	ND	ND	ND	2,060	ND	ND	ND	~
former Q56	Q56-1-4'	1-4	6/17/04	7/30/04	4,580	ND	ND	ND	ND	4,580	ND	ND	ND	~
	Q56-4-8'	4-8	6/17/04	7/30/04	2,840	ND	ND	ND	ND	2,840	ND	ND	ND	~
	Q56-8-12'	8-12	6/17/04	7/30/04	1,610	ND	ND	ND	ND	1,610	ND	ND	ND	~
	Q57-1-4'	1-4	6/17/04	7/30/04	4,410	ND	ND	ND	ND	4,410	ND	ND	ND	~

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

North Corridor
Polychlorinated Biphenyls

Quadrant	Sample ID	Depth	Collection Date	Analysis Date	Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268	Method 680 Homologs
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~	~
former Q57	Q57-4-7'	4-7	6/17/04	7/30/04	4,280	ND	ND	ND	ND	4,280	ND	ND	ND	~
	Q57-7-10'	7-10	6/17/04	7/30/04	2,690	ND	ND	ND	ND	2,690	ND	ND	ND	~
	Q57-OS-10.5-12'	10.5-12	6/17/04	7/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
former Q58	Q58-1-4'	1-4	6/17/04	7/30/04	5,610	ND	ND	ND	ND	5,610	ND	ND	ND	~
	Q58-4-7'	4-7	6/17/04	7/30/04	4,030	ND	ND	ND	ND	4,030	ND	ND	ND	~
	Q58-7-11'	7-11	6/17/04	7/30/04	2,040	ND	ND	ND	ND	2,040	ND	ND	ND	~
former Q59	Q59-1-3'	1-3	6/17/04	7/30/04	22,300	ND	ND	ND	ND	22,300	ND	ND	ND	~
	Q59-3-6'	3-6	6/17/04	7/30/04	2,810	ND	ND	ND	ND	2,810	ND	ND	ND	~
	Q59-6-9'	6-9	6/17/04	7/30/04	1,840	ND	ND	ND	ND	1,840	ND	ND	ND	~
	Q59-OS-9.5-12'	9.5-12	6/17/04	7/9/04	851	ND	ND	ND	ND	851	ND	ND	ND	~
	DUPLICATE 28		6/17/04	7/31/04	9,330	ND	ND	ND	ND	9,330	ND	ND	ND	~
former Q60	Q60-1-4'	1-4	6/17/04	7/30/04	**217,000**	ND	ND	ND	ND	217,000	ND	ND	ND	~
	Q60-1-4'MS	1-4	6/17/04	7/30/04	392,000	ND	ND	ND	ND	392,000	ND	ND	ND	~
	Q60-1-4'MS DUP	1-4	6/17/04	7/30/04	351,000	ND	ND	ND	ND	351,000	ND	ND	ND	~
	Q60-4-7'	4-7	6/17/04	7/30/04	**80,700**	ND	ND	ND	ND	80,700	ND	ND	ND	~
	Q60-7-10.5'	7-10.5	6/17/04	7/30/04	3,590	ND	ND	ND	ND	3,590	ND	ND	ND	~
	Q60-OS-11-12'	11-12	6/17/04	7/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
former Q61	Q61-1-4'	1-4	6/17/04	7/30/04	14,900	ND	ND	ND	ND	14,900	ND	ND	ND	~
	Q61-4-7'	4-7	6/17/04	7/30/04	3,360	ND	ND	ND	ND	3,360	ND	ND	ND	~
	Q61-7-11'	7-11	6/17/04	7/30/04	3,890	ND	ND	ND	ND	3,890	ND	ND	ND	~
Q55	Q55A-1-4'	1-4	7/7/04	8/6/04	8,260	ND	ND	ND	ND	8,260	ND	ND	ND	~
	DUPLICATE 76	1-4	7/7/04	8/6/04	7,840	ND	ND	ND	ND	7,840	ND	ND	ND	~
	Q55A-4-7'	4-7	7/7/04	8/6/04	6,050	ND	ND	ND	ND	6,050	ND	ND	ND	~
	Q55A-4-7'MS	4-7	7/7/04	8/6/04	7,230	ND	ND	ND	ND	7,230	ND	ND	ND	~
	Q55A-4-7'MSD	4-7	7/7/04	8/6/04	8,120	ND	ND	ND	ND	8,120	ND	ND	ND	~
	Q55A-7-11'	7-11	7/7/04	8/6/04	2,070	ND	ND	ND	ND	2,070	ND	ND	ND	~
	Q55A-OS-11.5-12'	11.5-12	7/7/04	7/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
Q56	Q56A-1-4'	1-4	7/7/04	8/6/04	14,900	ND	ND	ND	ND	14,900	ND	ND	ND	~
	Q56A-4-7'	4-7	7/7/04	8/6/04	**57,500**	ND	ND	ND	ND	57,500	ND	ND	ND	~
	Q56A-7-10'	7-10	7/7/04	8/6/04	2,750	ND	ND	ND	ND	2,750	ND	ND	ND	~
	Q56A-OS-10.5-13'	10.5-13	7/7/04	7/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q56-B-1-4'	1-4	8/18/04	8/19/04	18,000	ND	ND	ND	ND	18,000	ND	ND	ND	~
	Q56-B-4-7'	4-7	8/18/04	8/19/04	**62,500**	ND	ND	ND	ND	62,500	ND	ND	ND	~
	Q56-B-7-9.5'	7-9.5	8/18/04	8/19/04	1,450	ND	ND	ND	ND	1,450	ND	ND	ND	~
	Q56-C-1-4'	1-4	8/18/04	8/19/04	3,930	ND	ND	ND	ND	3,930	ND	ND	ND	~
	Q56-C-4-7'	4-7	8/18/04	8/20/04	24,100	ND	ND	ND	ND	24,100	ND	ND	ND	~
	Q56-C-7-8'	7-8	8/18/04	8/19/04	1,590	ND	ND	ND	ND	1,590	ND	ND	ND	~
	Q56-D-1-4'	1-4	8/18/04	8/24/04	3,360	ND	ND	ND	ND	3,360	ND	ND	ND	~
	Q56-D-4-7'	4-7	8/18/04	8/24/04	39,600	ND	ND	ND	ND	39,600	ND	ND	ND	~

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

North Corridor
Polychlorinated Biphenyls

Quadrant	Sample ID	Depth	Collection Date	Analysis Date	Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268	Method 680 Homologs
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~	~
	Q56-D-7-11'	7-11	8/18/04	8/24/04	2,780	ND	ND	ND	ND	2,780	ND	ND	ND	~
Q57	Q57A-1-4'	1-4	7/7/04	8/6/04	5,760	ND	ND	ND	ND	5,760	ND	ND	ND	~
	Q57A-4-7'	4-7	7/7/04	8/7/04	8,000	ND	ND	ND	ND	8,000	ND	ND	ND	~
	Q57A-7-10'	7-10	7/7/04	8/7/04	2,320	ND	ND	ND	ND	2,320	ND	ND	ND	~
	Q57A-OS-10.5-13'	10.5-13	7/7/04	7/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
Q58	Q58A-1-3'	1-3	7/7/04	8/7/04	6,660	ND	ND	ND	ND	6,660	ND	ND	ND	~
	Q58A-3-6'	3-6	7/7/04	8/7/04	9,670	ND	ND	ND	ND	9,670	ND	ND	ND	~
	Q58A-6-9.5'	6-9.5	7/7/04	8/7/04	1,960	ND	ND	ND	ND	1,960	ND	ND	ND	~
	Q58A-OS-10-12'	10-12	7/7/04	7/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
Q59	Q59A-1-3'	1-3	7/7/04	8/7/04	20,000	ND	ND	ND	ND	20,000	ND	ND	ND	~
	Q59A-3-6'	3-6	7/7/04	8/7/04	2,280	ND	ND	ND	ND	2,280	ND	ND	ND	~
	Q59A-6-9.5'	6-9.5	7/7/04	8/7/04	5,090	ND	ND	ND	ND	5,090	ND	ND	ND	~
	Q59A-OS-10-13'	10-13	7/7/04	7/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
Q60	Q60A-1-4'	1-4	7/7/04	8/7/04	3,230	ND	ND	ND	ND	3,230	ND	ND	ND	~
	Q60A-4-7'	4-7	7/7/04	8/7/04	4,350	ND	ND	ND	ND	4,350	ND	ND	ND	~
	Q60A-7-10.5'	7-10.5	7/7/04	8/7/04	3,810	ND	ND	ND	ND	3,810	ND	ND	ND	~
	Q60A-OS-11-12'	11-12	7/7/04	7/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q60-B-1-4'	1-4	8/18/04	8/20/04	1,960	ND	ND	ND	ND	1,960	ND	ND	ND	~
	Q60-B-4-7'	4-7	8/18/04	8/20/04	2,270	ND	ND	ND	ND	2,270	ND	ND	ND	~
	Q60-C-1-4'	1-4	8/18/04	8/21/04	**82,600**	ND	ND	ND	ND	82,600	ND	ND	ND	~
	Duplicate 112	1-4	8/18/04	8/22/04	16,100	ND	ND	ND	ND	16,100	ND	ND	ND	~
	Q60-C-4-7'	4-7	8/18/04	8/20/04	1,360	ND	ND	ND	ND	1,360	ND	ND	ND	~
	Q60-C-4-7'MS	4-7	8/18/04	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	~
	Q60-C-4-7'MSD	4-7	8/18/04	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	~
	Q60-D-1-4'	1-4	8/18/04	8/21/04	**73,900**	ND	ND	ND	ND	73,900	ND	ND	ND	~
	Q60-D-4-7'	4-7	8/18/04	8/22/04	**68,100**	ND	ND	ND	ND	68,100	ND	ND	ND	~
	Q60-E-1-4'	1-4	8/18/04	8/20/04	**97,100**	ND	ND	ND	ND	97,100	ND	ND	ND	~
	Q60-E-4-7'	4-7	8/18/04	8/20/04	1,690	ND	ND	ND	ND	1,690	ND	ND	ND	~
	Q60-F-1-4'	1-4	8/18/04	8/20/04	29,300	ND	ND	ND	ND	29,300	ND	ND	ND	~
	Q60-F-4-7'	4-7	8/18/04	8/20/04	2,050	ND	ND	ND	ND	2,050	ND	ND	ND	~
	Q60-G-1-4'	1-4	8/18/04	8/20/04	5,910	ND	ND	ND	ND	5,910	ND	ND	ND	~
	Q60-G-4-7'	4-7	8/18/04	8/20/04	1,310	ND	ND	ND	ND	1,310	ND	ND	ND	~
	Q60-H-1-4'	1-4	8/18/04	8/20/04	1,030	ND	ND	ND	ND	1,030	ND	ND	ND	~
	Q60-H-4-7'	4-7	8/18/04	8/20/04	3,610	ND	ND	ND	ND	3,610	ND	ND	ND	~
Q61	Q61A-1-4'	1-4	7/7/04	8/7/04	40,200	ND	ND	ND	ND	40,200	ND	ND	ND	~
	Q61A-4-8'	4-8	7/7/04	8/7/04	12,800	ND	ND	ND	ND	12,800	ND	ND	ND	~
	Q61A-8-12'	8-12	7/7/04	8/7/04	1,910	ND	ND	ND	ND	1,910	ND	ND	ND	~
	Q61A-OS-12-13'	12-13	7/7/04	7/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	DUPLICATE 77	12-13	7/7/04	7/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~

NOTES:
ND = Not detected
~ = Constituent not analyzed
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Black shading indicates UCL exceedance.

North Corridor
Polychlorinated Biphenyls

Quadrant	Sample ID	Depth	Collection Date	Analysis Date	Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268	Method 680 Homologs
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~	~
Q62	Q62-1-4'	1-4	6/17/04	7/30/04	**62,300**	ND	ND	ND	ND	62,300	ND	ND	ND	~
	Q62-4-7'	4-7	6/17/04	7/30/04	2,830	ND	ND	ND	ND	2,830	ND	ND	ND	~
	Q62-7-11.5'	7-11.5	6/17/04	7/30/04	2,660	ND	ND	ND	ND	2,660	ND	ND	ND	~
	Q62-A-1-4'	1-4	9/22/04	9/24/04	**55,180**	ND	ND	ND	ND	55,180	ND	ND	ND	~
	Q62-A-4-7'	4-7	9/22/04	9/24/04	2,400	ND	ND	ND	ND	2,400	ND	ND	ND	~
	Q62-B-1-4'	1-4	9/22/04	9/24/04	5,800	ND	ND	ND	ND	5,800	ND	ND	ND	~
	Q62-B-4-7'	4-7	9/22/04	9/24/04	4,000	ND	ND	ND	ND	4,000	ND	ND	ND	~
	Q62-C-1-4'	1-4	9/24/04	9/28/04	2,050	ND	ND	ND	ND	2,050	ND	ND	ND	~
	Q62-C-4-7'	4-7	9/24/04	9/28/04	2,060	ND	ND	ND	ND	2,060	ND	ND	ND	~
	Q62-D-1-4'	1-4	9/24/04	9/28/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q62-D-4-7'	4-7	9/24/04	9/28/04	**48,900**	ND	ND	ND	ND	48,900	ND	ND	ND	~
Q63	Q63-1-4'	1-4	6/17/04	7/30/04	22,500	ND	ND	ND	ND	22,500	ND	ND	ND	~
	Q63-4-7'	4-7	6/17/04	7/30/04	1,370	ND	ND	ND	ND	1,370	ND	ND	ND	~
	Q63-7-10.5'	7-10.5	6/17/04	7/30/04	1,480	ND	ND	ND	ND	1,480	ND	ND	ND	~
	Q63-OS-11-12'	11-12	6/17/04	7/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
Q64	Q64-1-4'	1-4	6/17/04	7/31/04	6,890	ND	ND	ND	ND	6,890	ND	ND	ND	~
	Q64-4-7'	4-7	6/17/04	7/31/04	16,600	ND	ND	ND	ND	16,600	ND	ND	ND	~
	Q64-7-11'	7-11	6/17/04	7/31/04	7,830	ND	ND	ND	ND	7,830	ND	ND	ND	~
	Q64-OS-11.5-12'	11.5-12	6/17/04	7/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
Q65	Q65-1-4'	1-4	6/17/04	7/31/04	**121,000**	ND	ND	ND	ND	121,000	ND	ND	ND	~
	Q65-4-7'	4-7	6/17/04	7/31/04	6,950	ND	ND	ND	ND	6,950	ND	ND	ND	~
	Q65-7-11'	7-11	6/17/04	7/31/04	8,760	ND	ND	ND	ND	8,760	ND	ND	ND	~
	Q65-OS-11.5-12'	11.5-12	6/17/04	7/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q65-A-1-4'	1-4	8/18/04	8/22/04	**94,900**	ND	ND	ND	ND	94,900	ND	ND	ND	~
	Q65-A-4-7'	4-7	8/18/04	8/20/04	1,890	ND	ND	ND	ND	1,890	ND	ND	ND	~
	Q65-B-1-4'	1-4	8/18/04	8/20/04	9,920	ND	ND	ND	ND	9,920	ND	ND	ND	~
	Q65-B-4-7'	4-7	8/18/04	8/19/04	2,640	ND	ND	ND	ND	2,640	ND	ND	ND	~
	Q65-C-1-4'	1-4	8/18/04	8/19/04	4,510	ND	ND	ND	ND	4,510	ND	ND	ND	~
	Q65-C-4-7'MS	4-7	8/18/04	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	~
	Q65-C-4-7'MSD	4-7	8/18/04	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	~
	Q65-C-4-7'	4-7	8/18/04	8/19/04	5,960	ND	ND	ND	ND	5,960	ND	ND	ND	~
	Duplicate 113	4-7	8/18/04	8/20/04	9,820	ND	ND	ND	ND	9,820	ND	ND	ND	~
	Q65-D-1-4'	1-4	8/18/04	8/20/04	35,100	ND	ND	ND	ND	35,100	ND	ND	ND	~
	Q65-D-4-7'	4-7	8/18/04	8/19/04	5,820	ND	ND	ND	ND	5,820	ND	ND	ND	~
	Q65-E-1-4'	1-4	8/18/04	8/20/04	2,830	ND	ND	ND	ND	2,830	ND	ND	ND	~
	Q65-E-4-7'	4-7	8/18/04	8/20/04	3,100	ND	ND	ND	ND	3,100	ND	ND	ND	~
	Q65-F-1-4'	1-4	8/18/04	8/22/04	26,600	ND	ND	ND	ND	26,600	ND	ND	ND	~
	Q65-F-4-7'	4-7	8/18/04	8/20/04	28,300	ND	ND	ND	ND	28,300	ND	ND	ND	~
	Q65-G-1-4'	1-4	8/18/04	8/20/04	**92,000**	ND	ND	ND	ND	92,000	ND	ND	ND	~
	Q65-G-4-7'	4-7	8/18/04	8/19/04	3,150	ND	ND	ND	ND	3,150	ND	ND	ND	~

NOTES:
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North Corridor
Polychlorinated Biphenyls

Quadrant	Sample ID	Depth	Collection Date	Analysis Date	Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268	Method 680 Homologs
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~	~
	Q65-H-1-4'	1-4	8/18/04	8/20/04	22,000	ND	ND	ND	ND	22,000	ND	ND	ND	~
	Q65-H-4-7'	4-7	8/18/04	8/20/04	2,360	ND	ND	ND	ND	2,360	ND	ND	ND	~
	Q65-I-1-4'	1-4	8/18/04	8/25/04	19,700	ND	ND	ND	ND	19,700	ND	ND	ND	~
	Q65-I-4-7'	4-7	8/18/04	8/25/04	6,230	ND	ND	ND	ND	6,230	ND	ND	ND	~
	Q65-K-1-4'	1-4	9/24/04	9/28/04	**51,800**	ND	ND	ND	ND	51,800	ND	ND	ND	~
	Q65-K-4-7'	4-7	9/24/04	9/28/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q65-K-7-8'	7-8	10/1/04	10/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q65-L-1-4'	1-4	9/24/04	9/28/04	**230,000**	ND	ND	ND	ND	230,000	ND	ND	ND	~
	Q65-L-4-7'	4-7	9/24/04	9/28/04	**265,000**	ND	ND	ND	ND	265,000	ND	ND	ND	~
	Q65-L-7-10'	7-10	10/1/04	10/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q65-M-1-4'	1-4	10/1/04	10/4/04	3,200	ND	ND	ND	ND	3,200	ND	ND	ND	~
	Q65-M-4-7'	4-7	10/1/04	10/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q65-M-7-11'	7-11	10/1/04	10/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q65-N-1-4'	1-4	10/1/04	10/4/04	28,500	ND	ND	ND	ND	28,500	ND	ND	ND	~
	Q65-N-4-7'	4-7	10/1/04	10/2/04	2,480	ND	ND	ND	ND	2,480	ND	ND	ND	~
	Duplicate 152 (Q65-N-4-7')	4-7	10/1/04	10/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q65-N-7-10.5'	7-10.5	10/1/04	10/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q65-O-1-4'	1-4	10/1/04	10/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q65-O-4-7'	4-7	10/1/04	10/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q65-O-7-10'	7-10	10/1/04	10/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
Q66	Q66-1-4'	1-4	6/17/04	7/31/04	13,800	ND	ND	ND	ND	13,800	ND	ND	ND	~
	Q66-4-8'	4-8	6/17/04	7/31/04	7,330	ND	ND	ND	ND	7,330	ND	ND	ND	~
	Q66-OS-11-11.5	11-11.5	6/17/04	7/9/04	601	ND	ND	ND	ND	601	ND	ND	ND	~
Q67	Q67-1-4'	1-4	6/17/04	7/31/04	5,310	ND	ND	ND	ND	5,310	ND	ND	ND	~
	Q67-4-8'	4-8	6/17/04	7/31/04	32,100	ND	ND	ND	ND	32,100	ND	ND	ND	~
	Q67-OS-8.5-9.5	8.5-9.5	6/17/04	7/9/04	933	ND	ND	ND	ND	933	ND	ND	ND	~
	Q67-C-1-4'	1-4	8/19/04	8/26/04	38,300	ND	ND	ND	ND	38,300	ND	ND	ND	~
	Q67-C-4-8'	4-8	8/19/04	8/26/04	5,360	ND	ND	ND	ND	5,360	ND	ND	ND	~
Q68	Q68-1-4'	1-4	7/7/04	8/7/04	5,660	ND	ND	ND	ND	5,660	ND	ND	ND	~
	Q68-4-7'	4-7	7/7/04	8/7/04	2,870	ND	ND	ND	ND	2,870	ND	ND	ND	~
	Q68-4-7'MS	4-7	7/7/04	8/7/04	7,160	ND	ND	ND	ND	7,160	ND	ND	ND	~
	Q68-4-7'MSD	4-7	7/7/04	8/7/04	7,090	ND	ND	ND	ND	7,090	ND	ND	ND	~
	Q68-7-11'	7-11	7/7/04	8/7/04	4,900	ND	ND	ND	ND	4,900	ND	ND	ND	~
	Q69-1-4'	1-4	7/7/04	8/6/04	**113,000**	ND	ND	ND	ND	113,000	ND	ND	ND	~
	Q69-4-7'	4-7	7/7/04	8/6/04	**650,000**	ND	ND	ND	ND	650,000	ND	ND	ND	~
	Q69-7-10.5'	7-10.5	7/7/04	8/6/04	12,500	ND	ND	ND	ND	12,500	ND	ND	ND	~
	Q69-OS-11-12'	11-12	7/7/04	7/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q69-A-1-4'	1-4	8/18/04	8/19/04	3,590	ND	ND	ND	ND	3,590	ND	ND	ND	~
	Q69-A-4-7'	4-7	8/18/04	8/19/04	3,280	ND	ND	ND	ND	3,280	ND	ND	ND	~

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

North Corridor
Polychlorinated Biphenyls

Quadrant	Sample ID	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)	Method 680 Homologs (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~	~
Q69	Q69-A-7-9.5'	7-9.5	8/18/04	8/19/04	2,020	ND	ND	ND	ND	2,020	ND	ND	ND	~
	Q69-B-1-4'	1-4	8/18/04	8/19/04	2,780	ND	ND	ND	ND	2,780	ND	ND	ND	~
	Q69-B-4-7'	4-7	8/18/04	8/19/04	2,520	ND	ND	ND	ND	2,520	ND	ND	ND	~
	Q69-B-7-13	7-13	8/18/04	8/19/04	1,040	ND	ND	ND	ND	1,040	ND	ND	ND	~
	Q69-C-1-4'	1-4	8/18/04	8/19/04	6,280	ND	ND	ND	ND	6,280	ND	ND	ND	~
	Q69-C-4-7'	4-7	8/18/04	8/19/04	2,260	ND	ND	ND	ND	2,260	ND	ND	ND	~
	Q69-C-7-10'	7-10	8/18/04	8/19/04	2,880	ND	ND	ND	ND	2,880	ND	ND	ND	~
	Q69-D-1-4'	1-4	8/18/04	8/19/04	2,010	ND	ND	ND	ND	2,010	ND	ND	ND	~
	Q69-D-4-7'	4-7	8/18/04	8/20/04	10,500	ND	ND	ND	ND	10,500	ND	ND	ND	~
	Q69-D-7-10'	7-10	8/18/04	8/19/04	950	ND	ND	ND	ND	950	ND	ND	ND	~
	Q69-E-1-4'	1-4	8/18/04	8/19/04	2,340	ND	ND	ND	ND	2,340	ND	ND	ND	~
	Q69-E-4-7'	4-7	8/18/04	8/19/04	22,500	ND	ND	ND	ND	22,500	ND	ND	ND	~
	Q69-E-7-10'	7-10	8/18/04	8/20/04	1,060	ND	ND	ND	ND	1,060	ND	ND	ND	~
	Q69-F-1-4'	1-4	8/18/04	8/19/04	5,690	ND	ND	ND	ND	5,690	ND	ND	ND	~
	Q69-F-4-7'	4-7	8/18/04	8/19/04	2,610	ND	ND	ND	ND	2,610	ND	ND	ND	~
	Q69-F-7-9'	7-9	8/18/04	8/19/04	2,540	ND	ND	ND	ND	2,540	ND	ND	ND	~
	Q69-G-1-4'	1-4	8/18/04	8/19/04	2,600	ND	ND	ND	ND	2,600	ND	ND	ND	~
	Duplicate 111	1-4	8/18/04	8/20/04	4,680	ND	ND	ND	ND	4,680	ND	ND	ND	~
	Q69-G-4-7'	4-7	8/18/04	8/19/04	2,950	ND	ND	ND	ND	2,950	ND	ND	ND	~
	Q69-G-4-7'MS	4-7	8/18/04											~
	Q69-G-4-7'MSD	4-7	8/18/04											~
	Q69-G-7-9'	7-9	8/18/04	8/19/04	1,710	ND	ND	ND	ND	1,710	ND	ND	ND	~
	Q69-H-1-4'	1-4	8/18/04	8/19/04	3,370	ND	ND	ND	ND	3,370	ND	ND	ND	~
	Q69-H-4-7'	4-7	8/18/04	8/19/04	1,230	ND	ND	ND	ND	1,230	ND	ND	ND	~
	Q69-H-7-13'	7-13	8/18/04	8/19/04	1,680	ND	ND	ND	ND	1,680	ND	ND	ND	~
Q70	Q70-1-4'	1-4	8/19/04	8/23/04	**290,000**	ND	ND	ND	ND	290,000	ND	ND	ND	~
	Q70-4-7'	4-7	8/19/04	8/23/04	3,240	ND	ND	ND	ND	3,240	ND	ND	ND	~
	Q70-7-11'	7-11	8/19/04	8/23/04	1,190	ND	ND	ND	ND	1,190	ND	ND	ND	~
	Q70-OS-11.5-12'	11.5-12	8/19/04	8/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q70-A-1-4'	1-4	8/25/04	8/27/04	10,300	ND	ND	ND	ND	10300	ND	ND	ND	~
	Q70-A-4-7'	4-7	8/25/04	8/27/04	1,080	ND	ND	ND	ND	1080	ND	ND	ND	~
	Q70-B-1-4'	1-4	8/25/04	8/27/04	22,800	ND	ND	ND	ND	22800	ND	ND	ND	~
	Q70-B-4-7'	4-7	8/25/04	8/27/04	1,480	ND	ND	ND	ND	1480	ND	ND	ND	~
	Q70-C-1-4'	1-4	8/25/04	8/27/04	4,400	ND	ND	ND	ND	4400	ND	ND	ND	~
	Q70-C-4-7'	4-7	8/25/04	8/27/04	1,730	ND	ND	ND	ND	1730	ND	ND	ND	~
	Q70-D-1-4'	1-4	8/25/04	8/27/04	**132,000**	ND	ND	ND	ND	132000	ND	ND	ND	~
	Q70-D-4-7'	4-7	8/25/04	8/27/04	2,070	ND	ND	ND	ND	2070	ND	ND	ND	~
	Q70-E-1-4'	1-4	8/25/04	8/27/04	**106,000**	ND	ND	ND	ND	106000	ND	ND	ND	~
	Q70-E-4-7'	4-7	8/25/04	8/27/04	1,340	ND	ND	ND	ND	1340	ND	ND	ND	~
	Q70-F-1-4'	1-4	8/25/04	8/30/04	24,000	ND	ND	ND	ND	24000	ND	ND	ND	~

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

North Corridor
Polychlorinated Biphenyls

Quadrant	Sample ID	Depth	Collection Date	Analysis Date	Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268	Method 680 Homologs
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~	~
	Q70-F-4-7'	4-7	8/25/04	8/27/04	2,920	ND	ND	ND	ND	2920	ND	ND	ND	~
	Q70-G-1-4'	1-4	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q70-G-4-7'	4-7	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q70-H-1-4'	1-4	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q70-H-4-7'	4-7	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q70-I-1-4'	1-4	9/8/04	9/9/04	3,200	ND	ND	ND	ND	ND	ND	ND	ND	3200
	Q70-I-4-7'	4-7	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q70-J-1-4'	1-4	9/8/04	9/18/04	1,400	ND	ND	ND	ND	ND	ND	ND	ND	1400
	Q70-J-4-7'	4-7	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q70-K-1-4'	1-4	9/8/04	9/9/04	14,000	ND	ND	ND	ND	ND	ND	ND	ND	14000
	Duplicate 130 (Q70-K-1-4')	1-4	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q70-K-4-7'	4-7	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
Q71	Q71-1-4'	1-4	8/19/04	8/23/04	4,900	ND	ND	ND	ND	4,900	ND	ND	ND	~
	Duplicate 115 (Q71-1-4')	1-4	8/19/04	8/23/04	3,700	ND	ND	ND	ND	3,700	ND	ND	ND	~
	Q71-4-7'	4-7	8/19/04	8/23/04	2,300	ND	ND	ND	ND	2,300	ND	ND	ND	~
	Q71-4-7'MS	4-7	8/19/04											~
	Q71-4-7'MSD	4-7	8/19/04											~
	Q71-7-11.5'	7-11.5	8/19/04	8/23/04	1,890	ND	ND	ND	ND	1,890	ND	ND	ND	~
	Q71-OS-12-12.5'	12-12.5	8/19/04	8/23/04	ND	ND (1590)	ND (1590)	ND (1590)	ND (1590)	ND (1590)	ND (1590)	ND (1590)	ND (1590)	~
Q72	Q72-1-4'	1-4	9/22/04	9/23/04	7,900	ND	ND	ND	ND	7,900	ND	ND	ND	~
	Q72-4-7'	4-7	9/22/04	9/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q72-7-8.5'	7-8.5	9/22/04	9/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
Q73	Q73-1-4'	1-4	9/22/04	9/23/04	13,900	ND	ND	ND	ND	13,900	ND	ND	ND	~
	Q73-4-7'	4-7	9/22/04	9/23/04	11,560	ND	ND	ND	ND	11,560	ND	ND	ND	~
	Q73-7-11'	7-11	9/22/04	9/23/04	3,500	ND	ND	ND	ND	3,500	ND	ND	ND	~
Q74	Q74-1-4'	1-4	9/22/04	9/23/04	6,740	ND	ND	ND	ND	6,740	ND	ND	ND	~
	Q74-4-7'	4-7	9/22/04	9/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
	Q74-7-8.5'	7-8.5	9/22/04	9/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~
Q75	Q75-1-4'	1-4	9/22/04	9/23/04	12,000	ND	ND	ND	ND	12,000	ND	ND	ND	~
	Q75-4-7'	4-7	9/22/04	9/23/04	25,000	ND	ND	ND	ND	25,000	ND	ND	ND	~
	Q75-7-10'	7-10	9/22/04	9/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	~

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Water Line
Polychlorinated Biphenyls (PCBs)

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
LOCATION	**Sample Identification**	**Depth**	**Collection Date**	**Analysis Date**									
W1	W1-1-3'	1-3	7/2/04	8/13/04	**48,200**	ND	ND	ND	ND	48,200	ND	ND	ND
	W1-3-5'	3-5	7/2/04	8/13/04	11,800	ND	ND	ND	ND	11,800	ND	ND	ND
W2	W2-1-3'	1-3	7/2/04	8/13/04	6,230	ND	ND	ND	ND	6,230	ND	ND	ND
	W2-3-5'	3-5	7/2/04	8/13/04	1,340	ND	ND	ND	ND	1,340	ND	ND	ND
W3	W3-1-3'	1-3	7/2/04	8/13/04	2,280	ND	ND	ND	ND	2,280	ND	ND	ND
	W3-3-5'	3-5	7/2/04	8/13/04	1,840	ND	ND	ND	ND	1,840	ND	ND	ND
W4	W4-1-3'	1-3	7/2/04	8/13/04	3,650	ND	ND	ND	ND	3,650	ND	ND	ND
	W4-1-3'MS	1-3	7/2/04	8/13/04	12,200	ND	ND	ND	ND	12,200	ND	ND	ND
	W4-1-3'MSD	1-3	7/2/04	8/13/04	13,500	ND	ND	ND	ND	13,500	ND	ND	ND
	W4-3-5'	3-5	7/2/04	8/13/04	1,850	ND	ND	ND	ND	1,850	ND	ND	ND
	Duplicate 74	3-5	7/2/04	8/13/04	27,700	ND	ND	ND	ND	27,700	ND	ND	ND
W5	W5-1-3'	1-3	7/2/04	8/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W5-3-5'	3-5	7/2/04	8/13/04	2,220	ND	ND	ND	ND	2,220	ND	ND	ND
W6	W6-1-3'	1-3	7/2/04	8/12/04	7,700	ND	ND	ND	ND	7,700	ND	ND	ND
	W6-3-5'	3-5	7/2/04	8/13/04	2,110	ND	ND	ND	ND	2,110	ND	ND	ND
W7	W7-1-3'	1-3	7/2/04	8/12/04	10,800	ND	ND	ND	ND	10,800	ND	ND	ND
	Duplicate 73	1-3	7/2/04	8/13/04	11,400	ND	ND	ND	ND	11,400	ND	ND	ND
	W7-3-5'	3-5	7/2/04	8/12/04	12,900	ND	ND	ND	ND	12,900	ND	ND	ND
	W7-3-5'MS	3-5	7/2/04	8/12/04	11,500	ND	ND	ND	ND	11,500	ND	ND	ND
	W7-3-5'MSD	3-5	7/2/04	8/12/04	10,800	ND	ND	ND	ND	10,800	ND	ND	ND
	W8-1-3'	1-3	7/2/04	8/12/04	**133,000**	ND	ND	ND	ND	133,000	ND	ND	ND
	W8-3-5'	3-5	7/2/04	8/12/04	**124,000**	ND	ND	ND	ND	124,000	ND	ND	ND
	W8-5-7'	5-7	9/8/04	9/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-A-1-3'	1-3	9/8/04	9/18/04	18,700	ND	ND	ND	ND	18,700	ND	ND	ND
	W8-A-3-5'	3-5	9/8/04	9/20/04	3,580	ND	ND	ND	ND	3,580	ND	ND	ND
	W8-A-5-7'	5-7	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-B-1-3'	1-3	9/8/04	9/12/04	**93,400**	ND	ND	ND	ND	93,400	ND	ND	ND
	W8-B-3-5'	3-5	9/8/04	9/21/04	**168,000**	ND	ND	ND	ND	168,000	ND	ND	ND
	W8-B-5-7'	5-7	9/8/04	9/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-C-1-3'	1-3	9/8/04	9/21/04	**126,000**	ND	ND	ND	ND	126,000	ND	ND	ND
	W8-C-3-5'	3-5	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-C-5-7'	5-7	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-D-1-3'	1-3	9/8/04	9/13/04	28,200	ND	ND	ND	ND	28,200	ND	ND	ND
	W8-D-3-5'	3-5	9/8/04	9/13/04	**192,000**	ND	ND	ND	ND	192,000	ND	ND	ND
	W8-D-5-7'	5-7	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-E-1-3'	1-3	9/8/04	9/12/04	**356,000**	ND	ND	ND	ND	356,000	ND	ND	ND
	W8-E-3-5'	3-5	9/8/04	9/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-E-5-7'	5-7	9/8/04	9/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-F-1-3'	1-3	9/8/04	9/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-F-3-4'	3-4	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-G-1-3'	1-3	9/14/04	9/17/04	**152,000**	ND	ND	ND	ND	152,000	ND	ND	ND
	W8-G-3-5'	3-5	9/14/04	9/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

Water Line
Polychlorinated Biphenyls (PCBs)

LOCATION	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
W8	W8-H-1-3'	1-3	9/14/04	9/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-H-3-5'	3-5	9/14/04	9/19/04	**1,260,000**	ND	ND	ND	ND	1,260,000	ND	ND	ND
	W8-I-1-3'	1-3	9/14/04	9/19/04	**2,320,000**	ND	ND	ND	ND	2,320,000	ND	ND	ND
	W8-I-3-5'	3-5	9/14/04	9/17/04	28,500	ND	ND	ND	ND	28,500	ND	ND	ND
	W8-J-1-3'	1-3	9/14/04	9/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-J-3-5'	3-5	9/14/04	9/17/04	**123,000**	ND	ND	ND	ND	123,000	ND	ND	ND
	W8-J-5-7'	5-7	9/14/04	9/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-K-1-3'	1-3	9/14/04	9/22/04	23,000	ND	ND	ND	ND	23,000	ND	ND	ND
	W8-K-3-5'	3-5	9/14/04	9/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-K-5-7'	5-7	9/14/04	9/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-L-1-3'	1-3	9/14/04	9/22/04	5,200	ND	ND	ND	ND	5,200	ND	ND	ND
	Duplicate 137 (W8-L-1-3')	1-3	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-L-3-4'	3-4	9/14/04	9/22/04	26,500	ND	ND	ND	ND	26,500	ND	ND	ND
	W8-L-4-7'	4-7	9/14/04	9/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W8-M-1-3	1-3	9/24/04	9/28/04	**77,600**	ND	ND	ND	ND	77,600	ND	ND	ND
	W8-M-1-3'MS	1-3	9/24/04	9/28/04	24,200	ND	ND	ND	ND	24,200	ND	ND	ND
	W8-M-1-3'MSD	1-3	9/24/04	9/28/04	**53,100**	ND	ND	ND	ND	53,100	ND	ND	ND
	W8-M-3-5	3-5	9/24/04	9/28/04	20,900	ND	ND	ND	ND	20,900	ND	ND	ND
	Duplicate 143 (W8-M-3-5')	3-5	9/24/04	9/28/04	13,500	ND	ND	ND	ND	13,500	ND	ND	ND
	W8-M-5-7	5-7	9/24/04	9/28/04	2,930	ND	ND	ND	ND	2,930	ND	ND	ND
	W8-N-1-3'	1-3	9/24/04	9/28/04	2,480	ND	ND	ND	ND	2,480	ND	ND	ND
	W8-N-3-5'	3-5	9/24/04	9/28/04	2,430	ND	ND	ND	ND	2,430	ND	ND	ND
	W8-N-5-7'	5-7	9/24/04	9/28/04	2,080	ND	ND	ND	ND	2,080	ND	ND	ND
	W8-N-5-7'MS	5-7	9/24/04	9/28/04	7,970	ND	ND	ND	ND	7,970	ND	ND	ND
	W8-N-5-7'MSD	5-7	9/24/04	9/28/04	8,440	ND	ND	ND	ND	8,440	ND	ND	ND
	W8-O-1-3'	1-3	9/24/04	9/28/04	**146,000**	ND	ND	ND	ND	146,000	ND	ND	ND
	W8-O-3-5'	3-5	9/24/04	9/28/04	31,400	ND	ND	ND	ND	31,400	ND	ND	ND
	W8-O-5-7'	5-7	9/24/04	9/28/04	2,540	ND	ND	ND	ND	2,540	ND	ND	ND
	W8-P-1-3'	1-3	9/24/04	9/28/04	2,650	ND	ND	ND	ND	2,650	ND	ND	ND
	W8-P-3-5'	3-5	9/24/04	9/28/04	**115,000**	ND	ND	ND	ND	115,000	ND	ND	ND
	W8-P-5-7'	5-7	9/24/04	9/28/04	1,890	ND	ND	ND	ND	1,890	ND	ND	ND
	W8-Q-1-3'	1-3	9/24/04	9/28/04	**92,300**	ND	ND	ND	ND	92,300	ND	ND	ND
	W8-Q-3-5'	3-5	9/24/04	9/28/04	19,100	ND	ND	ND	ND	19,100	ND	ND	ND
	W8-Q-5-7'	5-7	9/24/04	9/28/04	2,150	ND	ND	ND	ND	2,150	ND	ND	ND
	W8-R-1-3'	1-3	9/24/04	9/28/04	4,580	ND	ND	ND	ND	4,580	ND	ND	ND
	W8-R-3-5'	3-5	9/24/04	9/28/04	9,320	ND	ND	ND	ND	9,320	ND	ND	ND
	W8-R-5-7'	5-7	9/24/04	9/28/04	2,080	ND	ND	ND	ND	2,080	ND	ND	ND
	W8-S-1-3'	1-3	9/24/04	9/28/04	3,410	ND	ND	ND	ND	3,410	ND	ND	ND
	W8-S-3-5'	3-5	9/24/04	9/28/04	12,400	ND	ND	ND	ND	12,400	ND	ND	ND
	W8-S-5-7'	5-7	9/24/04	9/28/04	5,850	ND	ND	ND	ND	5,850	ND	ND	ND
	W8-T-1-3'	1-3	9/24/04	9/28/04	9,820	ND	ND	ND	ND	9,820	ND	ND	ND
	W8-T-3-5'	3-5	9/24/04	9/28/04	1,650	ND	ND	ND	ND	1,650	ND	ND	ND
	W8-T-5-7'	5-7	9/24/04	9/28/04	1,870	ND	ND	ND	ND	1,870	ND	ND	ND

Water Line
Polychlorinated Biphenyls (PCBs)

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
LOCATION	**Sample Identification**	**Depth**	**Collection Date**	**Analysis Date**									
	W8-U-1-3'	1-3	9/24/04	9/28/04	**119,000**	ND	ND	ND	ND	119,000	ND	ND	ND
	W8-U-3-5'	3-5	9/24/04	9/28/04	2,070	ND	ND	ND	ND	2,070	ND	ND	ND
	W8-U-5-7'	5-7	9/24/04	9/28/04	1,890	ND	ND	ND	ND	1,890	ND	ND	ND
W9	W9-1-3'	1-3	7/2/04	8/12/04	11,400	ND	ND	ND	ND	11,400	ND	ND	ND
	W9-3-5'	3-5	7/2/04	8/12/04	3,950	ND	ND	ND	ND	3,950	ND	ND	ND
W10	W10-1-3'	1-3	7/2/04	8/12/04	12,500	ND	ND	ND	ND	12,500	ND	ND	ND
	W10-3-5'	3-5	7/2/04	8/12/04	6,640	ND	ND	ND	ND	6,640	ND	ND	ND
W11	W11-1-3'	1-3	7/2/04	8/18/04	3,700	ND	ND	ND	ND	3,700	ND	ND	ND
	W11-3-5'	3-5	7/2/04	8/12/04	2,010	ND	ND	ND	ND	2,010	ND	ND	ND
	W11-A-1-4'	1-4	9/20/04	9/22/04	3,650	ND	ND	ND	ND	3,650	ND	ND	ND
	W11-A-4-8'	4-8	9/20/04	9/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W11-A-8-10'	8-10	9/20/04	9/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W11-B-1-4'	1-4	9/20/04	9/22/04	11,000	ND	ND	ND	ND	11,000	ND	ND	ND
	W11-B-4-8'	4-8	9/20/04	9/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W11-B-8-9'	8-9	9/20/04	9/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
W12	W12-1-3'	1-3	7/2/04	8/18/04	5,640	ND	ND	ND	ND	5,640	ND	ND	ND
	W12-3-5'	3-5	7/2/04	8/18/04	11,600	ND	ND	ND	ND	11,600	ND	ND	ND
	W12-A-1-4'	1-4	9/22/04	9/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate 140 (W12-A-1-4')	1-4	9/22/04	9/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W12-A-4-8'	4-8	9/22/04	9/23/04	3,100	ND	ND	ND	ND	3,100	ND	ND	ND
	W12-A-4-8'MS	4-8	9/22/04	9/23/04	6,840	ND	ND	ND	ND	6,840	ND	ND	ND
	W12-A-4-8'MSD	4-8	9/22/04	9/23/04	10,650	ND	ND	ND	ND	10,650	ND	ND	ND
	W12-A-8-11'	8-11	9/22/04	9/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W12-B-1-4'	1-4	9/22/04	9/23/04	4,500	ND	ND	ND	ND	4,500	ND	ND	ND
	W12-B-4-8'	4-8	9/22/04	9/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W12-B-8-9.5'	8-9.5	9/22/04	9/23/04	4,500	ND	ND	ND	ND	4,500	ND	ND	ND
W13	W13-1-3'	1-3	7/2/04	8/18/04	8,420	ND	ND	ND	ND	8,420	ND	ND	ND
	W13-3-5'	3-5	7/2/04	8/18/04	14,800	ND	ND	ND	ND	14,800	ND	ND	ND
W14	W14-1-3'	1-3	7/2/04	8/18/04	6,850	ND	ND	ND	ND	6,850	ND	ND	ND
	W14-3-5'	3-5	7/2/04	8/18/04	11,000	ND	ND	ND	ND	11,000	ND	ND	ND
W15	W15-1-3'	1-3	7/2/04	8/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W15-3-5'	3-5	7/2/04	8/18/04	8,540	ND	ND	ND	ND	8,540	ND	ND	ND
W16	W16-1-3'	1-3	7/2/04	7/27/04	4,190	ND	ND	ND	ND	4,190	ND	ND	ND
	W16-3-5'	3-5	7/2/04	7/27/04	7,580	ND	ND	ND	ND	7,580	ND	ND	ND
W17	W17-1-3'	1-3	7/2/04	8/12/04	8,930	ND	ND	ND	ND	8,930	ND	ND	ND
	W17-3-5'	3-5	7/2/04	8/12/04	5,970	ND	ND	ND	ND	5,970	ND	ND	ND
W18	W18-1-3'	1-3	7/2/04	8/12/04	7,960	ND	ND	ND	ND	7,960	ND	ND	ND
	Duplicate 70	1-3	7/2/04	8/13/04	1,750	ND	ND	ND	ND	1,750	ND	ND	ND
	W18-3-5'	3-5	7/2/04	8/12/04	5,990	ND	ND	ND	ND	5,990	ND	ND	ND
W19	W19-1-3'	1-3	7/2/04	8/12/04	12,800	ND	ND	ND	ND	12,800	ND	ND	ND
	W19-1-3'MS	1-3	7/2/04	~	~	~	~	~	~	~	~	~	~
	W19-1-3'MSD	1-3	7/2/04	~	~	~	~	~	~	~	~	~	~

McCoy Field
Project No. 02685

Water Line
Polychlorinated Biphenyls (PCBs)

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
LOCATION	**Sample Identification**	**Depth**	**Collection Date**	**Analysis Date**									
	W19-3-5'	3-5	7/2/04	8/12/04	25,700	ND	ND	ND	ND	25,700	ND	ND	ND
W20	W20-1-3'	1-3	7/2/04	8/12/04	7,240	ND	ND	ND	ND	7,240	ND	ND	ND
	W20-3-5'	3-5	7/2/04	8/12/04	2,940	ND	ND	ND	ND	2,940	ND	ND	ND
W21	W21-1-3'	1-3	7/2/04	8/12/04	5,970	ND	ND	ND	ND	5,970	ND	ND	ND
	W21-3-5'	3-5	7/2/04	8/12/04	7,530	ND	ND	ND	ND	7,530	ND	ND	ND
W22	W22-1-4'	1-4	7/7/04	8/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W22-4-8'	4-8	7/7/04	8/13/04	**69,800**	ND	ND	ND	ND	69,800	ND	ND	ND
	W22-A-1-4'	1-4	9/14/04	9/20/04	**77,200**	ND	ND	ND	ND	77,200	ND	ND	ND
	W22-A-4-8'	4-8	9/14/04	9/20/04	**54,200**	ND	ND	ND	ND	54,200	ND	ND	ND
	W22-B-1-4'	1-4	9/14/04	9/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W22-B-4-8'	4-8	9/14/04	9/23/04	**78,600**	ND	ND	ND	ND	78,600	ND	ND	ND
	W22-C-1-4'	1-4	9/14/04	9/23/04	9,930	ND	ND	ND	ND	9,930	ND	ND	ND
	W22-C-4-8'	4-8	9/14/04	9/23/04	15,000	ND	ND	ND	ND	15,000	ND	ND	ND
	W22-D-1-4'	1-4	9/14/04	9/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	W22-D-4-8'	4-8	9/14/04	9/23/04	37,000	ND	ND	ND	ND	37,000	ND	ND	ND
W23	W23-1-4'	1-4	7/7/04	8/13/04	4,410	ND	ND	ND	ND	4,410	ND	ND	ND
	W23-4-8'	4-8	7/7/04	8/13/04	21,900	ND	ND	ND	ND	21,900	ND	ND	ND
	Duplicate 78	4-8	7/7/04	8/13/04	27,300	ND	ND	ND	ND	27,300	ND	ND	ND
W24	W24-1-4'	1-4	7/7/04	8/13/04	7,680	ND	ND	ND	ND	7,680	ND	ND	ND
	W24-4-8'	4-8	7/7/04	8/13/04	13,200	ND	ND	ND	ND	13,200	ND	ND	ND
W25	W25-1-4'	1-4	7/7/04	8/13/04	3,900	ND	ND	ND	ND	3,900	ND	ND	ND
	W25-4-8'	4-8	7/7/04	8/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
W26	W26-1-4'	1-4	7/7/04	8/13/04	23,500	ND	ND	ND	ND	23,500	ND	ND	ND
	W26-1-4'MS	1-4	7/7/04	8/13/04	26,200	ND	ND	ND	ND	26,200	ND	ND	ND
	W26-1-4'MSD	1-4	7/7/04	8/13/04	26,400	ND	ND	ND	ND	26,400	ND	ND	ND
	W26-4-8'	4-8	7/7/04	8/13/04	5,570	ND	ND	ND	ND	5,570	ND	ND	ND
W27	W27-1-4'	1-4	7/7/04	8/13/04	8,660	ND	ND	ND	ND	8,660	ND	ND	ND
	W27-4-8'	4-8	7/7/04	8/13/04	2,230	ND	ND	ND	ND	2,230	ND	ND	ND
W28	W28-1-4'	1-4	7/7/04	8/13/04	2,140	ND	ND	ND	ND	2,140	ND	ND	ND
	W28-4-8'	4-8	7/7/04	8/13/04	3,120	ND	ND	ND	ND	3,120	ND	ND	ND
W29	W29-1-4'	1-4	7/7/04	8/13/04	5,460	ND	ND	ND	ND	5,460	ND	ND	ND
	W29-4-8'	4-8	7/7/04	8/13/04	6,440	ND	ND	ND	ND	6,440	ND	ND	ND
W30	W30-1-4'	1-4	7/7/04	8/13/04	5,750	ND	ND	ND	ND	5,750	ND	ND	ND
	W30-4-8'	4-8	7/7/04	8/13/04	2,110	ND	ND	ND	ND	2,110	ND	ND	ND
W31	W31-1-4'	1-4	7/7/04	8/7/2004	8,000	ND	ND	ND	ND	8,000	ND	ND	ND
	W31-4-8'	4-8	7/7/04	8/7/04	6,290	ND	ND	ND	ND	6,290	ND	ND	ND
W32	W32-1-4'	1-4	7/7/04	8/7/04	26,600	ND	ND	ND	ND	26,600	ND	ND	ND
	W32-4-7.5'	4-7.5	7/7/04	8/7/04	2,040	ND	ND	ND	ND	2,040	ND	ND	ND
W33	W33-1-4'	1-4	7/7/04	8/7/04	23,000	ND	ND	ND	ND	23,000	ND	ND	ND
	W33-4-6.5'	4-6.5	7/7/04	8/7/04	7,840	ND	ND	ND	ND	7,840	ND	ND	ND
W16-W21		~	7/2/04	8/12/04	12,000	ND	ND	ND	ND	12,000	ND	ND	ND

McCoy Field
Project No. 02685

North Detention Basin
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
DB61	DB61-2.5-4'	2.5-4	8/5/04	9/8/04	20,400	ND	ND	ND	ND	20,400	ND	ND	ND
	DB61-4-8'	4-8	8/5/04	9/8/04	1,380	ND	ND	ND	ND	1,380	ND	ND	ND
	DB61-8-11'	8-11	8/5/04	9/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB62	DB62-2.5-4'	2.5-4	8/5/04	9/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB62-4-8'	4-8	8/5/04	9/8/04	14,800	ND	ND	ND	ND	14,800	ND	ND	ND
	DB62-8-9.5'	8-9.5	8/5/04	9/8/04	5,130	ND	ND	ND	ND	5,130	ND	ND	ND
DB63	DB63-1-3'	1-3	8/5/04	9/8/04	1,660	ND	ND	ND	ND	1,660	ND	ND	ND
	DB63-3-6'	3-6	8/5/04	9/8/04	2,370	ND	ND	ND	ND	2,370	ND	ND	ND
	DB63-6-9'	6-9	8/5/04	9/8/04	2,860	ND	ND	ND	ND	2,860	ND	ND	ND
DB64	DB64-1-4'	1-4	8/5/04	9/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB64-4-8'	4-8	8/5/04	9/8/04	7,150	ND	ND	ND	ND	7,150	ND	ND	ND
	DB64-8-12'	8-12	8/5/04	9/8/04	3,110	ND	ND	ND	ND	3,110	ND	ND	ND
DB65	DB65-1-4'	1-4	8/5/04	9/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB65-4-7'	4-7	8/5/04	9/8/04	4,560	ND	ND	ND	ND	4,560	ND	ND	ND
	DB65-4-7'MS	4-7	8/5/04	9/8/04	15,000	ND	ND	ND	ND	15,000	ND	ND	ND
	DB65-4-7'MSD	4-7	8/5/04	9/8/04	10,700	ND	ND	ND	ND	10,700	ND	ND	ND
	DB65-7-10.5'	7-10.5	8/5/04	9/8/04	9,310	ND	ND	ND	ND	9,310	ND	ND	ND
	Duplicate 95	7-10.5	8/5/04	9/8/04	1,890	ND	ND	ND	ND	1,890	ND	ND	ND
DB66	DB66-1-4'	1-4	8/5/04	9/7/04	1,450	ND	ND	ND	ND	1,450	ND	ND	ND
	DB66-4-8'	4-8	8/5/04	9/8/04	18,000	ND	ND	ND	ND	18,000	ND	ND	ND
	DB66-8-12'	8-12	8/5/04	9/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB67	DB67-1-4'	1-4	8/5/04	9/7/04	4,720	ND	ND	ND	ND	4,720	ND	ND	ND
	DB67-4-7'	4-7	8/5/04	9/7/04	18,400	ND	ND	ND	ND	18,400	ND	ND	ND
	DB67-7-10.5'	7-10.5	8/5/04	9/7/04	9,530	ND	ND	ND	ND	9,530	ND	ND	ND
DB68	DB68-1-4'	1-4	8/5/04	9/7/04	1,490	ND	ND	ND	ND	1,490	ND	ND	ND
	DB68-4-8'	4-8	8/5/04	9/7/04	6,110	ND	ND	ND	ND	6,110	ND	ND	ND
	DB68-8-11'	8-11	8/5/04	9/7/04	6,830	ND	ND	ND	ND	6,830	ND	ND	ND
DB69	DB69-1-4'	1-4	8/5/04	9/7/04	5,040	ND	ND	ND	ND	5,040	ND	ND	ND
	DB69-4-8'	4-8	8/5/04	9/7/04	3,010	ND	ND	ND	ND	3,010	ND	ND	ND
	DB69-8-11.5'	8-11.5	8/5/04	9/7/04	4,760	ND	ND	ND	ND	4,760	ND	ND	ND
DB70	DB70-1-4'	1-4	8/5/04	9/7/04	4,090	ND	ND	ND	ND	4,090	ND	ND	ND
	DB70-4-7'	4-7	8/5/04	9/7/04	1,410	ND	ND	ND	ND	1,410	ND	ND	ND
	DB70-7-11'	7-11	8/5/04	9/7/04	3,560	ND	ND	ND	ND	3,560	ND	ND	ND
DB71	DB71-1-4'	1-4	8/5/04	9/4/04	6,690	ND	ND	ND	ND	6,690	ND	ND	ND
	DB71-4-8'	4-8	8/5/04	9/4/04	3,070	ND	ND	ND	ND	3,070	ND	ND	ND
	DB71-4-8'MS	4-8	8/5/04	9/7/04	7,440	ND	ND	ND	ND	7,440	ND	ND	ND
	DB71-4-8'MSD	4-8	8/5/04	9/7/04	6,021	ND	ND	ND	ND	6,021	ND	ND	ND
	DB71-8-12'	8-12	8/5/04	9/4/04	2,250	ND	ND	ND	ND	2,250	ND	ND	ND
	Duplicate 96	8-12	8/5/04	9/8/04	2,740	ND	ND	ND	ND	2,740	ND	ND	ND
DB72	DB72-1-4'	1-4	8/5/04	9/4/04	9,290	ND	ND	ND	ND	9,290	ND	ND	ND
	DB72-4-7'	4-7	8/5/04	9/4/04	4,330	ND	ND	ND	ND	4,330	ND	ND	ND
	DB72-7-10'	7-10	8/5/04	9/4/04	2,420	ND	ND	ND	ND	2,420	ND	ND	ND
	DB73-1-4'	1-4	8/5/04	9/4/04	10,200	ND	ND	ND	ND	10,200	ND	ND	ND

McCoy Field
Project No. 02685

North Detention Basin
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
DB73	DB73-4-8'	4-8	8/5/04	9/4/04	1,440	ND	ND	ND	ND	1,440	ND	ND	ND
	DB73-8-11'	8-11	8/5/04	9/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB74	DB74-1-4'	1-4	8/5/04	9/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB74-4-7'	4-7	8/5/04	9/4/04	3,420	ND	ND	ND	ND	3,420	ND	ND	ND
	DB74-7-10'	7-10	8/5/04	9/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB75	DB75-1-4'	1-4	8/5/04	9/4/04	4,910	ND	ND	ND	ND	4910	ND	ND	ND
	DB75-4-8'	4-8	8/5/04	9/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

McCoy Field
Project No. 02685

South Detention Basin
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
DB1	DB 1-1-4'	1-4	8/3/04	8/25/04	6,630	ND	ND	ND	ND	6,630	ND	ND	ND
DB2	DB 2-1-4'	1-4	8/3/04	8/25/04	2,300	ND	ND	ND	ND	2,300	ND	ND	ND
DB3	DB 3-1-4'	1-4	8/3/04	8/28/04	10,400	ND	ND	ND	ND	10,400	ND	ND	ND
	DB3-1-4'MS	1-4	8/3/04	9/10/04	9,220	ND	ND	ND	ND	9,220	ND	ND	ND
	DB3-1-4'MSD	1-4	8/3/04	8/28/04	8,500	ND	ND	ND	ND	8,500	ND	ND	ND
	DB3-A-3-6'	3-6	8/25/04	10/26/04	**78,500**	ND	ND	ND	55,800	22,700	ND	ND	ND
	DB3-A-6-9'	6-9	8/25/04	10/26/04	**53,400**	ND	ND	ND	23,900	29,500	ND	ND	ND
	Duplicate 172 (DB3-A-6-9')	6-9	8/25/04	10/26/04	35,000	ND	ND	ND	23,000	12,000	ND	ND	ND
	DB3-A-9-10.5'	9-10.5	8/25/04	10/26/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB4	DB 4-1-4'	1-4	8/3/04	8/28/04	4,620	ND	ND	ND	ND	4,620	ND	ND	ND
	Duplicate 86	1-4	8/3/04	8/28/04	5,510	ND	ND	ND	ND	5,510	ND	ND	ND
	DB4-A-3-6'	3-6	8/25/04	10/26/04	28,200	ND	ND	ND	16,600	11,600	ND	ND	ND
	DB4-A-6-9'	6-9	8/25/04	10/26/04	43,600	ND	ND	ND	31,200	12,400	ND	ND	ND
	DB4-A-9-11'	9-11	8/25/04	10/26/04	32,400	ND	ND	ND	19,900	12,500	ND	ND	ND
DB5	DB 5-1-4'	1-4	8/3/04	8/28/04	**64,000**	ND	ND	ND	36,800	27,200	ND	ND	ND
	DB5-A-1-3'	1-3	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-A-3-6'	3-6	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-A-6-10'	6-10	9/14/04	9/20/04	**67,800**	ND	ND	ND	ND	67,800	ND	ND	ND
	DB5-B-1-3'	1-3	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-B-3-6'	3-6	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-B-6-10'	6-10	9/14/04	9/20/04	**113,000**	ND	ND	ND	ND	113,000	ND	ND	ND
	DB5-B-10-13'	10-13	9/14/04	9/23/04	11,500	ND	ND	ND	ND	11,500	ND	ND	ND
	DB5-C-1-3'	1-3	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-C-3-6'	3-6	9/14/04	9/20/04	**79,700**	ND	ND	ND	ND	79,700	ND	ND	ND
	DB5-C-6-11.5'	6-11.5	9/14/04	9/23/04	5,390	ND	ND	ND	ND	5,390	ND	ND	ND
	DB5-D-1-3'	1-3	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-D-3-6'	3-6	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-D-6-11.5'	6-11.5	9/14/04	9/23/04	12,900	ND	ND	ND	ND	12,900	ND	ND	ND
	DB5-E-1-3'	1-3	9/29/04	9/30/04	5,610	ND	ND	ND	ND	5,610	ND	ND	ND
	DB5-E-3-6'	3-6	9/29/04	9/30/04	5,920	ND	ND	ND	ND	5,920	ND	ND	ND
	DB5-E-6-10'	6-10	9/29/04	9/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-E-10-12'	10-12	9/29/04	9/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-F-1-3'	1-3	9/29/04	9/30/04	11,300	ND	ND	ND	ND	11,300	ND	ND	ND
	DB5-F-3-6'	3-6	9/29/04	9/30/04	**49,100**	ND	ND	ND	29,100	20,000	ND	ND	ND
	DB5-F-6-10'	6-10	9/29/04	9/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-F-10-11.5'	10-11.5	9/29/04	9/30/04	1,820	ND	ND	ND	ND	1,820	ND	ND	ND
	DB5-G-1-3'	1-3	9/30/04	10/7/04	4,100	ND	ND	ND	ND	4,100	ND	ND	ND
	DB5-G-3-6'	3-6	9/30/04	10/7/04	**60,100**	ND	ND	ND	21,600	38,500	ND	ND	ND
	DB5-G-6-10.5	6-10.5	9/30/04	10/7/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-H-1-3'	1-3	9/30/04	9/30/04	36,800	ND	ND	ND	18,600	18,200	ND	ND	ND
	DB5-H-3-6'	3-6	9/30/04	9/30/04	33,800	ND	ND	ND	ND	33,800	ND	ND	ND
	DB5-H-6-10'	6-10	9/30/04	9/30/04	6,960	ND	ND	ND	ND	6,960	ND	ND	ND
	DB5-H-10-12'	10-12	9/30/04	9/30/04	4,170	ND	ND	ND	ND	4,170	ND	ND	ND

South Detention Basin
Polychlorinated Biphenyls

	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	DB5-I-1-3'	1-3	9/30/04	9/30/04	8,870	ND	ND	ND	ND	8,870	ND	ND	ND
	DB5-I-3-6'	3-6	9/30/04	9/30/04	12,200	ND	ND	ND	ND	12,200	ND	ND	ND
	DB5-I-6-10'	6-10	9/30/04	9/30/04	19,900	ND	ND	ND	ND	19,900	ND	ND	ND
	DB5-I-10-11.5'	10-11.5	9/30/04	9/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-J-1-3'	1-3	9/30/04	9/30/04	6,900	ND	ND	ND	ND	6,900	ND	ND	ND
	DB5-J-3-6'	3-6	9/30/04	9/30/04	10,600	ND	ND	ND	ND	10,600	ND	ND	ND
	DB5-J-6-10'	6-10	9/30/04	9/30/04	15,200	ND	ND	ND	ND	15,200	ND	ND	ND
	DB5-J-10-11.5'	10-11.5	9/30/04	9/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-K-1-3'	1-3	9/30/04	9/30/04	13,600	ND	ND	ND	ND	13,600	ND	ND	ND
	DB5-K-3-6'	3-6	9/30/04	9/30/04	5,420	ND	ND	ND	ND	5,420	ND	ND	ND
	DB5-K-6-10'	6-10	9/30/04	9/30/04	27,600	ND	ND	ND	ND	27,600	ND	ND	ND
	DB5-K-10-12'	10-12	9/30/04	9/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-L-1-3'	1-3	9/30/04	9/30/04	7,740	ND	ND	ND	ND	7,740	ND	ND	ND
	DB5-L-1-3'MS	1-3	9/30/04	9/30/04	11,100	ND	ND	ND	ND	11,100	ND	ND	ND
	DB5-L-1-3'MSD	1-3	9/30/04	9/30/04	17,200	ND	ND	ND	ND	17,200	ND	ND	ND
	DB5-L-3-6'	3-6	9/30/04	9/30/04	8,440	ND	ND	ND	ND	8,440	ND	ND	ND
	Duplicate 147 (DB5-L-3-6')	3-6	9/30/04	9/30/04	5,770	ND	ND	ND	ND	5,770	ND	ND	ND
	DB5-L-6-10'	6-10	9/30/04	9/30/04	7,240	ND	ND	ND	ND	7,240	ND	ND	ND
	DB5-L-10-11.5'	10-11.5	9/30/04	9/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB5-M-1-3'	1-3	9/29/04	9/30/04	8,470	ND	ND	ND	ND	8,470	ND	ND	ND
	DB5-M-3-6'	3-6	9/29/04	9/30/04	**70,600**	ND	ND	ND	24,000	46,600	ND	ND	ND
	DB5-M-6-10'	6-10	9/29/04	9/30/04	38,600	ND	ND	ND	15,500	23,100	ND	ND	ND
	DB5-M-10-12'	10-12	9/29/04	9/30/04	1,520	ND	ND	ND	ND	1,520	ND	ND	ND
DB6	DB 6-1-4'	1-4	8/3/04	8/28/04	2,500	ND	ND	ND	ND	2,500	ND	ND	ND
DB7	DB 7-1-4'	1-4	8/3/04	8/25/04	8,840	ND	ND	ND	ND	8,840	ND	ND	ND
DB8	DB 8-1-3'	1-3	8/3/04	8/25/04	8,180	ND	ND	ND	ND	8,180	ND	ND	ND
	DB 8-3-6'	3-6	8/3/04	8/25/04	7,490	ND	ND	ND	ND	7,490	ND	ND	ND
	DB 8-6-9'	6-9	8/3/04	8/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB9	DB 9-1-3'	1-3	8/3/04	8/28/04	1,370	ND	ND	ND	ND	1,370	ND	ND	ND
	DB 9-3-6'	3-6	8/3/04	8/28/04	8,470	ND	ND	ND	ND	8,470	ND	ND	ND
	DB 9-6-9'	6-9	8/3/04	8/28/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB 9-6-9'MS	6-9	8/3/04	8/28/04	9,250	ND	ND	ND	ND	9,250	ND	ND	ND
	DB 9-6-9'MSD	6-9	8/3/04	8/28/04	7,590	ND	ND	ND	ND	7,590	ND	ND	ND
DB10	DB 10-1-3'	1-3	8/4/04	8/28/04	10,200	ND	ND	ND	ND	10,200	ND	ND	ND
	DB 10-3-6'	3-6	8/4/04	8/28/04	45,000	ND	ND	ND	ND	45,000	ND	ND	ND
	Duplicate 83	3-6	8/4/04	8/28/04	6,940	ND	ND	ND	ND	6,940	ND	ND	ND
	DB 10-6-9'	6-9	8/4/04	8/28/04	13,400	ND	ND	ND	ND	13,400	ND	ND	ND
DB11	DB 11-1-3'	1-3	8/4/04	9/3/04	5,800	ND	ND	ND	ND	5,800	ND	ND	ND
	DB 11-3-6'	3-6	8/4/04	9/3/04	6,630	ND	ND	ND	ND	6,630	ND	ND	ND
	DB 11-3-6'MS	3-6	8/4/04	9/3/04	13,200	ND	ND	ND	ND	13,200	ND	ND	ND
	DB 11-3-6'MSD	3-6	8/4/04	9/3/04	12,800	ND	ND	ND	ND	12,800	ND	ND	ND
	DB 11-6-9'	6-9	8/4/04	9/3/04	4,590	ND	ND	ND	ND	4,590	ND	ND	ND
	Duplicate 90 (DB11-6-9')	6-9	8/4/04	9/4/04	2,020	ND	ND	ND	ND	2,020	ND	ND	ND

South Detention Basin
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
	DB11-A-9-11'	9-11	8/25/04	10/26/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB12	DB12-1-4'	1-4	8/4/04	9/3/04	23,900	ND	ND	ND	ND	23,900	ND	ND	ND
DB13	DB13-1-4'	1-4	8/3/04	8/25/04	4,620	ND	ND	ND	ND	4,620	ND	ND	ND
DB14	DB14-1-3'	1-3	8/3/04	8/26/04	21,100	ND	ND	ND	ND	21,100	ND	ND	ND
	DB14-3-6'	3-6	8/3/04	8/26/04	7,820	ND	ND	ND	ND	7,820	ND	ND	ND
	DB14-6-9'	6-9	8/3/04	8/26/04	1,190	ND	ND	ND	ND	1,190	ND	ND	ND
DB15	DB15-1-3'	1-3	8/3/04	8/28/04	23,000	ND	ND	ND	ND	23,000	ND	ND	ND
	DB15-3-6'	3-6	8/3/04	8/28/04	31,400	ND	ND	ND	ND	31,400	ND	ND	ND
	DB15-6-9'	6-9	8/3/04	8/28/04	29,600	ND	ND	ND	ND	29,600	ND	ND	ND
	DB16-1-3'	1-3	8/4/04	8/28/04	32,700	ND	ND	ND	12,500	20,200	ND	ND	ND
	DB16-3-6'	3-6	8/4/04	8/28/04	**65,000**	ND	ND	ND	29,000	36,000	ND	ND	ND
	DB16-6-9'	6-9	8/4/04	8/28/04	**148,000**	ND	ND	ND	72,200	75,800	ND	ND	ND
	DB16-A-1-3'	1-3	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB16-A-3-6'	3-6	9/14/04	9/23/04	24,200	ND	ND	ND	ND	24,200	ND	ND	ND
	DB16-A-6-10'	6-10	9/14/04	9/18/04	**66,200**	ND	ND	ND	ND	66,200	ND	ND	ND
	DB16-B-1-3'	1-3	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB16-B-3-6'	3-6	9/14/04	9/24/04	25,300	ND	ND	ND	ND	25,300	ND	ND	ND
	DB16-B-6-10'	6-10	9/14/04	9/18/04	**169,000**	ND	ND	ND	ND	169,000	ND	ND	ND
	DB16-C-1-3'	1-3	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB16-C-3-6'	3-6	9/14/04	9/19/04	**70,900**	ND	ND	ND	ND	70,900	ND	ND	ND
	DB16-C-6-11'	6-11	9/14/04	9/23/04	27,300	ND	ND	ND	ND	27,300	ND	ND	ND
	DB16-D-1-3'	1-3	9/14/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB16-D-3-6'	3-6	9/14/04	9/23/04	23,000	ND	ND	ND	ND	23,000	ND	ND	ND
	DB16-D-6-10'	6-10	9/14/04	9/23/04	17,500	ND	ND	ND	ND	17,500	ND	ND	ND
	DB16-E-1-3'	1-3	9/30/04	10/4/04	9,140	ND	ND	ND	ND	9,140	ND	ND	ND
	DB16-E-3-6'	3-6	9/30/04	10/4/04	**102,000**	ND	ND	ND	ND	102,000	ND	ND	ND
	DB16-E-6-10'	6-10	9/30/04	10/4/04	27,200	ND	ND	ND	ND	27,200	ND	ND	ND
	DB16-E-10-12'	10-12	9/30/04	10/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB16-F-1-3'	1-3	9/30/04	10/1/04	7,600	ND	ND	ND	ND	7,600	ND	ND	ND
	DB16-F-3-6'	3-6	9/30/04	10/1/04	15,600	ND	ND	ND	ND	15,600	ND	ND	ND
	DB16-F-6-10'	6-10	9/30/04	10/1/04	46,800	ND	ND	ND	ND	46,800	ND	ND	ND
	DB16-F-10-11.5'	10-11.5	9/30/04	10/1/04	6,200	ND	ND	ND	ND	6,200	ND	ND	ND
	DB16-G-1-3'	1-3	9/30/04	10/1/04	8,730	ND	ND	ND	ND	8,730	ND	ND	ND
	DB16-G-3-6'	3-6	9/30/04	10/1/04	23,400	ND	ND	ND	ND	23,400	ND	ND	ND
	DB16-G-6-10.5'	6-10.5	9/30/04	10/1/04	37,300	ND	ND	ND	ND	37,300	ND	ND	ND
	DB16-H-1-3'	1-3	9/30/04	10/1/04	13,700	ND	ND	ND	ND	13,700	ND	ND	ND
	DB16-H-3-6'	3-6	9/30/04	10/1/04	**178,000**	ND	ND	ND	ND	178,000	ND	ND	ND
	DB16-H-6-10'	6-10	9/30/04	10/1/04	25,100	ND	ND	ND	ND	25,100	ND	ND	ND
	DB16-H-10-11.5'	10-11.5	9/30/04	10/1/04	**59,300**	ND	ND	ND	ND	59,300	ND	ND	ND
	DB16-I-1-3'	1-3	9/30/04	10/1/04	10,200	ND	ND	ND	ND	10,200	ND	ND	ND
	DB16-I-3-6'	3-6	9/30/04	10/1/04	26,100	ND	ND	ND	ND	26,100	ND	ND	ND
	DB16-I-6-10'	6-10	9/30/04	10/1/04	47,300	ND	ND	ND	ND	47,300	ND	ND	ND
	DB16-I-10-11.5'	10-11.5	9/30/04	10/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

South Detention Basin
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
DB16	DB16-J-1-3'	1-3	9/30/04	10/1/04	16,400	ND	ND	ND	ND	16,400	ND	ND	ND
	DB16-J-3-6'	3-6	9/30/04	10/1/04	14,800	ND	ND	ND	ND	14,800	ND	ND	ND
	DB16-J-6-10'	6-10	9/30/04	10/1/04	**66,800**	ND	ND	ND	ND	66,800	ND	ND	ND
	DB16-J-10-11'	10-11	9/30/04	10/1/04	47,600	ND	ND	ND	ND	47,600	ND	ND	ND
	DB16-K-1-3'	1-3	9/30/04	10/1/04	21,800	ND	ND	ND	ND	21,800	ND	ND	ND
	DB16-K-3-6'	3-6	9/30/04	10/1/04	38,200	ND	ND	ND	ND	38,200	ND	ND	ND
	DB16-K-6-10'	6-10	9/30/04	10/1/04	44,800	ND	ND	ND	ND	44,800	ND	ND	ND
	DB16-K-10-11.75'	10-11.75	9/30/04	10/1/04	18,200	ND	ND	ND	ND	18,200	ND	ND	ND
	DB16-L-1-3'	1-3	9/30/04	10/1/04	7,700	ND	ND	ND	ND	7,700	ND	ND	ND
	Duplicate 149 (DB16-L-1-3')	1-3	9/30/04	10/1/04	2,890	ND	ND	ND	ND	2,890	ND	ND	ND
	DB16-L-3-6'	3-6	9/30/04	10/1/04	10,200	ND	ND	ND	ND	10,200	ND	ND	ND
	DB16-L-6-10'	6-10	9/30/04	10/1/04	**131,000**	ND	ND	ND	ND	131,000	ND	ND	ND
	DB16-L-10-11'	10-11	9/30/04	10/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB16-M-1-3'	1-3	9/30/04	10/1/04	5,830	ND	ND	ND	ND	5,830	ND	ND	ND
	DB16-M-3-6'	3-6	9/30/04	10/1/04	13,800	ND	ND	ND	ND	13,800	ND	ND	ND
	DB16-M-6-10'	6-10	9/30/04	10/1/04	34,100	ND	ND	ND	ND	34,100	ND	ND	ND
	DB16-M-10-12'	10-12	9/30/04	10/1/04	**60,800**	ND	ND	ND	ND	60,800	ND	ND	ND
	DB16-N-1-3'	1-3	9/30/04	~	~	~	~	~	~	~	~	~	~
	DB16-N-3-6'	3-6	9/30/04	~	~	~	~	~	~	~	~	~	~
	DB16-N-6-10'	6-10	9/30/04	~	~	~	~	~	~	~	~	~	~
	DB16-N-10-11.5'	10-11.5	9/30/04	~	~	~	~	~	~	~	~	~	~
	DB16-O-1-3'	1-3	9/30/04	10/6/04	29,100	ND	ND	ND	ND	29,100	ND	ND	ND
	DB16-O-3-6'	3-6	9/30/04	10/6/04	37,300	ND	ND	ND	ND	37,300	ND	ND	ND
	DB16-O-6-10'	6-10	9/30/04	10/6/04	39,900	ND	ND	ND	ND	39,900	ND	ND	ND
	DB16-P-1-3'	1-3	9/30/04	10/6/04	13,600	ND	ND	ND	ND	13,600	ND	ND	ND
	DB16-P-3-6'	3-6	9/30/04	10/6/04	13,700	ND	ND	ND	ND	13,700	ND	ND	ND
	DB16-P-6-10'	6-10	9/30/04	10/6/04	18,800	ND	ND	ND	ND	18,800	ND	ND	ND
	DB16-P-10-12.5'	10-12.5	9/30/04	10/6/04	18,400	ND	ND	ND	ND	18,400	ND	ND	ND
	DB16-Q-1-3'	1-3	9/30/04	10/6/04	15,000	ND	ND	ND	ND	15,000	ND	ND	ND
	DB16-Q-3-6'	3-6	9/30/04	10/6/04	10,600	ND	ND	ND	ND	10,600	ND	ND	ND
	DB16-Q-6-10'	6-10	9/30/04	10/6/04	10,200	ND	ND	ND	ND	10,200	ND	ND	ND
	DB16-Q-10-11.5'	10-11.5	9/30/04	10/6/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB16-R-1-3'	1-3	10/1/04	10/2/04	7,860	ND	ND	ND	ND	7,860	ND	ND	ND
	DB16-R-3-6'	3-6	10/1/04	10/2/04	8,970	ND	ND	ND	ND	8,970	ND	ND	ND
	DB16-R-6-10'	6-10	10/1/04	10/2/04	24,700	ND	ND	ND	ND	24,700	ND	ND	ND
	DB16-R-10-11'	10-11	10/1/04	10/2/04	25,700	ND	ND	ND	ND	25,700	ND	ND	ND
	DB16-S-1-3'	1-3	10/1/04	10/2/04	10,600	ND	ND	ND	ND	10,600	ND	ND	ND
	DB16-S-3-6'	3-6	10/1/04	10/2/04	40,100	ND	ND	ND	ND	40,100	ND	ND	ND
	DB16-S-6-10'	6-10	10/1/04	10/4/04	**88,500**	ND	ND	ND	ND	88,500	ND	ND	ND
	DB16-S-10-13.5'	10-13.5	10/1/04	10/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB16-T-1-3'	1-3	9/30/04	10/6/04	11,200	ND	ND	ND	ND	11,200	ND	ND	ND
	DB16-T-3-6'	3-6	9/30/04	10/7/04	**136,000**	ND	ND	ND	ND	136,000	ND	ND	ND
	DB16-T-6-10'	6-10	9/30/04	10/7/04	**131,000**	ND	ND	ND	ND	131,000	ND	ND	ND
	DB16-T-10-11'	10-11	9/30/04	10/6/04	34,000	ND	ND	ND	ND	34,000	ND	ND	ND

South Detention Basin
Polychlorinated Biphenyls

Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
RCS-1				**2,000**	~	~	~	~	~	~	~	~
Turnkey Acceptance Limit				**50,000**	~	~	~	~	~	~	~	~
UCL				**100,000**	~	~	~	~	~	~	~	~
DB16-U-1-3'	1-3	10/8/04	~	~	~	~	~	~	~	~	~	~
DB16-U-3-6'	3-6	10/8/04	10/13/04	**81,500**	ND	ND	ND	39,700	41,800	ND	ND	ND
DB16-U-6-10.5'	6-10.5	10/8/04	10/11/04	7,080	ND	ND	ND	ND	7,080	ND	ND	ND
DB16-V-1-3'	1-3	10/8/04	~	~	~	~	~	~	~	~	~	~
DB16-V-3-6'	3-6	10/8/04	10/13/04	6,220	ND	ND	ND	ND	6,220	ND	ND	ND
DB16-V-6-10'	6-10	10/8/04	10/11/04	2,020	ND	ND	ND	ND	2,020	ND	ND	ND
DB16-V-10-13'	10-13	10/8/04	10/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB16-W-1-3'	1-3	10/8/04	~	~	~	~	~	~	~	~	~	~
DB16-W-3-6'	3-6	10/8/04	~	~	~	~	~	~	~	~	~	~
DB16-W-6-10.5'	6-10.5	10/8/04	10/11/04	22,600	ND	ND	ND	11,500	11,100	ND	ND	ND
DB16-X-1-3'	1-3	10/8/04	~	~	~	~	~	~	~	~	~	~
DB16-X-3-6'	3-6	10/8/04	10/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB16-X-6-10'	6-10	10/8/04	10/11/04	41,100	ND	ND	ND	17,300	23,800	ND	ND	ND
DB16-Y-1-3'	1-3	10/8/04	~	~	~	~	~	~	~	~	~	~
DB16-Y-3-6'	3-6	10/8/04	10/11/04	**393,000**	ND	ND	ND	148,000	245,000	ND	ND	ND
DB16-Y-6-10'	6-10	10/8/04	~	~	~	~	~	~	~	~	~	~
DB16-Z-1-3'	1-3	10/8/04	10/11/04	6,610	ND	ND	ND	ND	6,610	ND	ND	ND
DB16-Z-3-6'	3-6	10/8/04	10/11/04	11,900	ND	ND	ND	ND	11,900	ND	ND	ND
DB16-Z-6-11'	6-11	10/8/04	10/11/04	14,300	ND	ND	ND	ND	14,300	ND	ND	ND
DB16-AA-1-3'	1-3	10/8/04	~	~	~	~	~	~	~	~	~	~
DB16-AA-3-6'	3-6	10/8/04	~	~	~	~	~	~	~	~	~	~
DB16-AA-6-10'	6-10	10/8/04	10/11/04	11,900	ND	ND	ND	ND	11,900	ND	ND	ND
DB16-AA-6-10'MS	6-10	10/8/04	10/11/04	17,500	ND	ND	ND	ND	17,500	ND	ND	ND
DB16-AA-6-10'MSD	6-10	10/8/04	10/11/04	20,700	ND	ND	ND	ND	20,700	ND	ND	ND
DB16-AA-10-13'	10-13	10/8/04	10/11/04	6,790	ND	ND	ND	ND	6,790	ND	ND	ND
Duplicate 156 (DB16-AA-10-13')	10-13	10/8/04	10/11/04	13,200	ND	ND	ND	ND	13,200	ND	ND	ND
DB16-AB-1-3'	1-3	10/8/04	~	~	~	~	~	~	~	~	~	~
DB16-AB-3-6'	3-6	10/8/04	~	~	~	~	~	~	~	~	~	~
DB16-AB-6-10'	6-10	10/8/04	10/11/04	9,990	ND	ND	ND	ND	9,990	ND	ND	ND
DB16-AB-10-11.75'	10-11.75	10/8/04	10/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB16-AC-1-3'	1-3	10/8/04	10/13/04	4,940	ND	ND	ND	ND	4,940	ND	ND	ND
DB16-AC-3-6'	3-6	10/8/04	10/13/04	**71,700**	ND	ND	ND	ND	71,700	ND	ND	ND
DB16-AC-6-10'	6-10	10/8/04	10/11/04	**98,900**	ND	ND	ND	51,200	47,700	ND	ND	ND
DB16-AC-10-13'	10-13	10/8/04	10/11/04	10,100	ND	ND	ND	ND	10,100	ND	ND	ND
DB16-AD-1-3'	1-3	10/8/04	~	~	~	~	~	~	~	~	~	~
DB16-AD-3-6'	3-6	10/8/04	10/13/04	4,910	ND	ND	ND	ND	4,910	ND	ND	ND
DB16-AD-6-10'	6-10	10/8/04	10/11/04	31,100	ND	ND	ND	15,200	15,900	ND	ND	ND
DB16-AD-10-12'	10-12	10/8/04	10/11/04	1,560	ND	ND	ND	ND	1,560	ND	ND	ND
DB16-AE-1-3'	1-3	10/8/04	10/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB16-AE-3-6'	3-6	10/8/04	10/11/04	**53,300**	ND	ND	ND	21,100	32,200	ND	ND	ND
DB16-AE-6-10'	6-10	10/8/04	10/11/04	**71,500**	ND	ND	ND	36,000	35,500	ND	ND	ND
DB16-AE-10-13'	10-13	10/8/04	10/11/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB17-1-3'	1-3	8/4/04	8/29/04	10,700	ND	ND	ND	ND	10,700	ND	ND	ND

South Detention Basin
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
DB17	DB17-3-6'	3-6	8/4/04	8/29/04	14,200	ND	ND	ND	ND	14,200	ND	ND	ND
	DB17-6-9'	6-9	8/4/04	8/29/04	34,300	ND	ND	ND	ND	34,300	ND	ND	ND
	DB17-A-9-10.5'	9-11	8/25/04	10/26/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB17-A-9-10.5'MS	9-11	8/25/04	10/26/04	11,300	ND	ND	ND	ND	11,300	ND	ND	ND
	DB17-A-9-10.5'MSD	9-11	8/25/04	10/26/04	9,970	ND	ND	ND	ND	9,970	ND	ND	ND
DB18	DB18-1-4'	1-4	8/4/04	9/3/04	19,500	ND	ND	ND	ND	19,500	ND	ND	ND
DB19	DB19-1-4'	1-4	8/3/04	8/25/04	7,830	ND	ND	ND	ND	7,830	ND	ND	ND
DB20	DB20-1-3'	1-3	8/3/04	8/26/04	4,900	ND	ND	ND	ND	4,900	ND	ND	ND
	DB20-3-6'	3-6	8/3/04	8/26/04	38,100	ND	ND	ND	23,500	14,600	ND	ND	ND
	DB20-6-9'	6-9	8/3/04	8/26/04	2,490	ND	ND	ND	ND	2,490	ND	ND	ND
DB21	DB21-1-3'	1-3	8/3/04	8/27/04	11,100	ND	ND	ND	ND	11,100	ND	ND	ND
	DB21-3-6'	3-6	8/3/04	8/27/04	5,910	ND	ND	ND	ND	5,910	ND	ND	ND
	DB21-6-9'	6-9	8/3/04	8/27/04	17,100	ND	ND	ND	ND	17,100	ND	ND	ND
DB22	DB22-1-3'	1-3	8/4/04	8/28/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB22-3-6'	3-6	8/4/04	8/28/04	6,300	ND	ND	ND	ND	6,300	ND	ND	ND
	DB22-6-9'	6-9	8/4/04	8/28/04	6,790	ND	ND	ND	ND	6,790	ND	ND	ND
DB23	DB23-1-3'	1-3	8/4/04	8/29/04	22,000	ND	ND	ND	ND	22,000	ND	ND	ND
	DB23-3-6'	3-6	8/4/04	8/29/04	5,010	ND	ND	ND	ND	5,010	ND	ND	ND
	DB23-6-9'	6-9	8/4/04	8/29/04	3,360	ND	ND	ND	ND	3,360	ND	ND	ND
DB24	DB24-1-4'	1-4	8/4/04	9/3/04	23,500	ND	ND	ND	ND	23,500	ND	ND	ND
DB25	DB25-1-4'	1-4	8/3/04	8/25/04	10,900	ND	ND	ND	ND	10,900	ND	ND	ND
DB26	DB26-1-3'	1-3	8/3/04	8/26/04	11,800	ND	ND	ND	ND	11,800	ND	ND	ND
	DB26-3-6'	3-6	8/3/04	8/26/04	**53,200**	ND	ND	ND	17,700	35,500	ND	ND	ND
	DB26-6-9'	6-9	8/3/04	8/26/04	44,400	ND	ND	ND	21,500	22,900	ND	ND	ND
	DB26-A-1-3'	1-3	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB26-A-3-6'	3-6	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB26-A-6-8'	6-8	9/9/04	9/20/04	20,900	ND	ND	ND	ND	20,900	ND	ND	ND
	DB26-B-1-3'	1-3	9/9/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB26-B-3-6'	3-6	9/9/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB26-B-6-9'	6-9	9/9/04	9/20/04	27300*	ND	ND	ND	ND	27300*	ND	ND	ND
	Duplicate 132 (DB26-B-6-9')	6-9	9/9/04	9/20/04	25500*	ND	ND	ND	ND	25500*	ND	ND	ND
	DB26-C-1-3'	1-3	9/9/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB26-C-3-6'	3-6	9/9/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB26-C-6-9'	6-9	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB26-D-1-3'	1-3	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB26-D-3-6'	3-6	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB26-D-6-9'	6-9	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB26-E-3-6'	3-6	9/22/04	9/23/04	11,000	ND	ND	ND	ND	11,000	ND	ND	ND
	DB26-E-6-13'	6-13	9/22/04	9/23/04	10,000	ND	ND	ND	ND	10,000	ND	ND	ND
	DB26-F-3-6'	3-6	9/22/04	9/23/04	4,130	ND	ND	ND	ND	4,130	ND	ND	ND
	DB26-F-6-13'	6-13	9/22/04	9/23/04	7,810	ND	ND	ND	ND	7,810	ND	ND	ND
	DB26-G-3-6'	3-6	9/22/04	9/23/04	5,410	ND	ND	ND	ND	5,410	ND	ND	ND
	DB26-G-6-12.5'	6-12.5	9/22/04	9/23/04	2,410	ND	ND	ND	ND	2,410	ND	ND	ND

South Detention Basin
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
	DB26-H-3-6'	3-6	9/22/04	9/23/04	8,160	ND	ND	ND	ND	8,160	ND	ND	ND
	DB26-H-6-11'	6-11	9/22/04	9/23/04	11,200	ND	ND	ND	ND	11,200	ND	ND	ND
DB27	DB27-1-3'	1-3	8/3/04	8/27/04	3,980	ND	ND	ND	ND	3,980	ND	ND	ND
	DB27-3-6'	3-6	8/3/04	8/27/04	3,390	ND	ND	ND	ND	3,390	ND	ND	ND
	DB27-6-9'	6-9	8/3/04	8/27/04	2,200	ND	ND	ND	ND	2,200	ND	ND	ND
DB28	DB28-1-3'	1-3	8/3/04	8/28/04	2,500	ND	ND	ND	ND	2,500	ND	ND	ND
	DB28-3-6'	3-6	8/3/04	8/28/04	7,130	ND	ND	ND	ND	7,130	ND	ND	ND
	Duplicate 85	3-6	8/3/04	8/28/04	2,200	ND	ND	ND	ND	2,200	ND	ND	ND
	DB28-6-9'	6-9	8/3/04	9/9/04	2,230	ND	ND	ND	ND	2,230	ND	ND	ND
	DB28-6-9'MS	6-9	8/3/04	9/10/04	11,700	ND	ND	ND	ND	11,700	ND	ND	ND
	DB28-6-9'MSD	6-9	8/3/04	8/28/04	10,000	ND	ND	ND	ND	10,000	ND	ND	ND
DB29	DB29-1-3'	1-3	8/4/04	8/29/04	6,350	ND	ND	ND	ND	6,350	ND	ND	ND
	DB29-3-6'	3-6	8/4/04	8/29/04	3,870	ND	ND	ND	ND	3,870	ND	ND	ND
	DB29-6-9'	6-9	8/4/04	8/29/04	2,470	ND	ND	ND	ND	2,470	ND	ND	ND
DB30	DB30-1-4'	1-4	8/4/04	9/3/04	9,450	ND	ND	ND	ND	9,450	ND	ND	ND
DB31	DB31-1-4'	1-4	8/3/04	8/25/04	7,010	ND	ND	ND	ND	7,010	ND	ND	ND
DB32	DB32-1-3'	1-3	8/3/04	8/26/04	**51,180**	ND	ND	ND	46,300	4,880	ND	ND	ND
	DB32-3-6'	3-6	8/3/04	8/26/04	23,000	ND	ND	ND	ND	23,000	ND	ND	ND
	DB32-6-9'	6-9	8/3/04	8/26/04	40,500	ND	ND	ND	ND	40,500	ND	ND	ND
	DB32-A-1-3'	1-3	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB32-A-3-6'	3-6	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB32-B-1-3'	1-3	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB32-B-3-6'	3-6	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB32-C-1-3'	1-3	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB32-C-3-6'	3-6	9/9/04	9/14/04	24,800	ND	ND	ND	ND	24,800	ND	ND	ND
	DB32-D-1-3'	1-3	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB32-D-3-6'	3-6	9/9/04	9/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB33	DB33-1-3'	1-3	8/3/04	8/27/04	3,030	ND	ND	ND	ND	3,030	ND	ND	ND
	DB33-3-6'	3-6	8/3/04	8/27/04	3,810	ND	ND	ND	ND	3,810	ND	ND	ND
	DB33-6-9'	6-9	8/3/04	8/27/04	3,930	ND	ND	ND	ND	3,930	ND	ND	ND
DB34	DB34-1-3'	1-3	8/4/04	8/28/04	1,620	ND	ND	ND	ND	1,620	ND	ND	ND
	DB34-3-6'	3-6	8/4/04	8/28/04	5,970	ND	ND	ND	ND	5,970	ND	ND	ND
	DB34-6-9'	6-9	8/4/04	9/10/04	2,390	ND	ND	ND	ND	2,390	ND	ND	ND
DB35	DB35-1-3'	1-3	8/4/04	8/29/04	17,500	ND	ND	ND	ND	17,500	ND	ND	ND
	DB35-3-6'	3-6	8/4/04	8/29/04	25,400	ND	ND	ND	ND	25,400	ND	ND	ND
	DB35-6-9'	6-9	8/4/04	8/29/04	6,150	ND	ND	ND	ND	6,150	ND	ND	ND
DB36	DB36-1-4'	1-4	8/4/04	9/3/04	5,860	ND	ND	ND	ND	5,860	ND	ND	ND
DB37	DB37-1-4'	1-4	8/3/04	8/25/04	32,100	ND	ND	ND	ND	32,100	ND	ND	ND
DB38	DB38-1-3'	1-3	8/3/04	8/26/04	2,460	ND	ND	ND	ND	2,460	ND	ND	ND
	DB38-3-6'	3-6	8/3/04	8/26/04	26,500	ND	ND	ND	ND	26,500	ND	ND	ND
	Duplicate 84	3-6	8/3/04	9/10/04	17,100	ND	ND	ND	ND	17,100	ND	ND	ND
	DB38-6-9'	6-9	8/3/04	8/26/04	5,250	ND	ND	ND	ND	5,250	ND	ND	ND
	DB39-1-3'	1-3	8/3/04	8/26/04	5,670	ND	ND	ND	ND	5,670	ND	ND	ND

South Detention Basin
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
DB39	DB39-3-6'	3-6	8/3/04	8/26/04	13,000	ND	ND	ND	ND	13,000	ND	ND	ND
	DB39-6-9'	6-9	8/3/04	8/26/04	5,940	ND	ND	ND	ND	5,940	ND	ND	ND
DB40	DB40-1-3'	1-3	8/4/04	9/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB40-3-6'	3-6	8/4/04	8/28/04	5,100	ND	ND	ND	ND	5,100	ND	ND	ND
	DB40-6-9'	6-9	8/4/04	9/10/04	14,600	ND	ND	ND	ND	14,600	ND	ND	ND
DB41	DB41-1-3'	1-3	8/4/04	9/10/04	19,700	ND	ND	ND	ND	19,700	ND	ND	ND
	DB41-3-6'	3-6	8/4/04	8/28/04	6,820	ND	ND	ND	ND	6,820	ND	ND	ND
	DB41-6-9'	6-9	8/4/04	8/28/04	9,970	ND	ND	ND	ND	9,970	ND	ND	ND
DB42	DB42-1-4'	1-4	8/4/04	9/3/04	7,910	ND	ND	ND	ND	7,910	ND	ND	ND
DB43	DB43-1-4'	1-4	8/3/04	8/25/04	36,700	ND	ND	ND	ND	36,700	ND	ND	ND
DB44	DB44-1-3'	1-3	8/3/04	8/26/04	1,460	ND	ND	ND	ND	1,460	ND	ND	ND
	DB44-3-6'	3-6	8/3/04	8/26/04	38,200	ND	ND	ND	ND	38,200	ND	ND	ND
	DB44-6-9'	6-9	8/3/04	8/26/04	29,000	ND	ND	ND	ND	29,000	ND	ND	ND
DB45	DB45-1-3'	1-3	8/3/04	8/26/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB45-3-6'	3-6	8/3/04	8/26/04	17,700	ND	ND	ND	ND	17,700	ND	ND	ND
	DB45-3-6'MS	3-6	8/3/04	8/26/04	21,900	ND	ND	ND	ND	21,900	ND	ND	ND
	DB45-3-6'MSD	3-6	8/3/04	8/26/04	20,700	ND	ND	ND	ND	20,700	ND	ND	ND
	DB45-6-9'	6-9	8/3/04	8/26/04	3,770	ND	ND	ND	ND	3,770	ND	ND	ND
	Duplicate 87	6-9	8/3/04	8/28/04	9,650	ND	ND	ND	ND	9,650	ND	ND	ND
DB46	DB46-1-4'	1-3	9/8/04	9/12/04	**87,400**	ND	ND	ND	ND	87,400	ND	ND	ND
	DB46-4-7'	3-6	9/8/04	9/20/04	18,000	ND	ND	ND	ND	18,000	ND	ND	ND
	DB46-7-10'	6-9	9/8/04	9/20/04	4,280	ND	ND	ND	ND	4,280	ND	ND	ND
	DB46 A-1-3	1-3	9/20/04	9/20/04	26,300	ND	ND	ND	ND	26,300	ND	ND	ND
	DB46 A-3-6	3-6	9/20/04	9/20/04	12,000	ND	ND	ND	ND	12,000	ND	ND	ND
	Duplicate 138 (DB46-A-3-6')	3-6	9/20/04	9/20/04	14,300	ND	ND	ND	ND	14,300	ND	ND	ND
	DB46 A-6-10.5	6-10.5	9/20/04	9/20/04	4,170	ND	ND	ND	ND	4,170	ND	ND	ND
	DB46 A-6-10.5MS	6-10.5	9/20/04	9/20/04	8,000	ND	ND	ND	ND	8,000	ND	ND	ND
	DB46 A-6-10.5MSD	6-10.5	9/20/04	9/20/04	9,910	ND	ND	ND	ND	9,910	ND	ND	ND
	DB46 B-1-3	1-3	9/20/04	9/20/04	7,680	ND	ND	ND	ND	7,680	ND	ND	ND
	DB46 B-3-6	3-6	9/20/04	9/20/04	12,400	ND	ND	ND	ND	12,400	ND	ND	ND
	DB46 B-6-10	6-10	9/20/04	9/20/04	12,000	ND	ND	ND	ND	12,000	ND	ND	ND
	DB46 C-1-3	1-3	9/20/04	9/20/04	7,320	ND	ND	ND	ND	7,320	ND	ND	ND
	DB46 C-3-6	3-6	9/20/04	9/20/04	12,900	ND	ND	ND	ND	12,900	ND	ND	ND
	DB46 C-6-10	6-10	9/20/04	9/20/04	9,270	ND	ND	ND	ND	9,270	ND	ND	ND
	DB46 D-1-3	1-3	9/20/04	9/20/04	19	ND	ND	ND	ND	19	ND	ND	ND
	DB46 D-3-6	3-6	9/20/04	9/20/04	12,800	ND	ND	ND	ND	12,800	ND	ND	ND
	DB46 D-6-10	6-10	9/20/04	9/20/04	5,000	ND	ND	ND	ND	5,000	ND	ND	ND
DB47	DB47-1-4'	1-4	9/8/04	9/20/04	10,800	ND	ND	ND	ND	10,800	ND	ND	ND
	DB47-4-7'	4-7	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB47-7-10.5'	7-10.5	9/8/04	9/22/04	4,640	ND	ND	ND	ND	4,640	ND	ND	ND
DB48	DB48-1-4'	1-4	9/8/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB49	DB49-1-4'	1-4	8/3/04	8/25/04	7,230	ND	ND	ND	ND	7,230	ND	ND	ND
	DB50-1-3'	1-3	8/3/04	8/26/04	22,800	ND	ND	ND	ND	22,800	ND	ND	ND

South Detention Basin
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
DB50	DB50-3-6'	3-6	8/3/04	8/26/04	1,910	ND	ND	ND	ND	1,910	ND	ND	ND
	DB50-6-9'	6-9	8/3/04	8/26/04	4,150	ND	ND	ND	ND	4,150	ND	ND	ND
DB51	DB51-1-3'	1-3	8/3/04	8/26/04	3,500	ND	ND	ND	ND	3,500	ND	ND	ND
	DB51-3-6'	3-6	8/3/04	8/26/04	3,750	ND	ND	ND	ND	3,750	ND	ND	ND
	DB51-6-9'	6-9	8/3/04	8/26/04	8,910	ND	ND	ND	ND	8,910	ND	ND	ND
DB52	DB52-1-4'	1-4	9/8/04	9/18/04	7,560	ND	ND	ND	ND	7,560	ND	ND	ND
	DB52-4-7'	4-7	9/8/04	9/9/04	23,400	ND	ND	ND	ND	23,400	ND	ND	ND
	Duplicate 128 (DB52-4-7')	4-7	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB52-7-10.5'	7-10.5	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB52-A-1-3'	1-3	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB52-A-3-6'	3-6	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB52-A-6-10'	6-10	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate 136 (DB52-A-6-10')	6-10	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB52-B-1-3'	1-3	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB52-B-3-6'	3-6	9/14/04	9/24/04	32,500	ND	ND	ND	ND	32,500	ND	ND	ND
	DB52-B-6-10'	6-10	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB52-C-1-3'	1-3	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB52-C-3-6'	3-6	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB52-C-6-9.5'	6-9.5	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB52-D-1-3'	1-3	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB52-D-3-6'	3-6	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB52-D-6-9.5'	6-9.5	9/14/04	9/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DB53	DB53-1-4'	1-4	9/8/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB53-4-7'	4-7	9/8/04	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB53-7-10'	7-10	9/8/04	9/20/04	7,350	ND	ND	ND	ND	7,350	ND	ND	ND
DB54	DB54-1-4'	1-4	9/8/04	9/20/04	34,200	ND	ND	ND	ND	34,200	ND	ND	ND
DB55	DB55-1-4'	1-4	8/3/04	8/25/04	6,960	ND	ND	ND	ND	6,960	ND	ND	ND
DB56	DB56-1-4'	1-4	8/3/04	8/26/04	2,940	ND	ND	ND	ND	2,940	ND	ND	ND
DB57	DB57-1-4'	1-4	8/3/04	8/26/04	7,860	ND	ND	ND	ND	7,860	ND	ND	ND
DB58	DB58-1-4'	1-4	9/8/04	9/22/04	15,400	ND	ND	ND	ND	15,400	ND	ND	ND
DB59	DB59-1-4'	1-4	9/8/04	9/13/04	**96,200**	ND	ND	ND	ND	96,200	ND	ND	ND
	DB59-4-6'	4-6	12/2/04	12/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB59-6-10.5'	6-10.5	12/2/04	12/4/04	8,810	ND	ND	ND	ND	8,810	ND	ND	ND
	DB59 A-1-3	1-3	9/20/04	9/20/04	9,510	ND	ND	ND	ND	9,510	ND	ND	ND
	DB59 A-3-6	3-6	9/20/04	9/20/04	32,200	ND	ND	ND	ND	32,200	ND	ND	ND
	DB59 A-6-10.5	6-10.5	9/20/04	9/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DB59 B-1-3	1-3	9/20/04	9/20/04	28,800	ND	ND	ND	ND	28,800	ND	ND	ND
	DB59 B-3-6	3-6	9/20/04	9/20/04	5,100	ND	ND	ND	ND	5,100	ND	ND	ND
	DB59 B-6-10.5	6-10.5	9/20/04	9/20/04	10,700	ND	ND	ND	ND	10,700	ND	ND	ND
	DB59 C-1-3	1-3	9/20/04	9/20/04	22,900	ND	ND	ND	ND	22,900	ND	ND	ND
	DB59 C-3-6	3-6	9/20/04	9/20/04	8,630	ND	ND	ND	ND	8,630	ND	ND	ND
	DB59 C-6-10	6-10	9/20/04	9/20/04	22,200	ND	ND	ND	ND	22,200	ND	ND	ND
	DB59 D-1-3	1-3	9/20/04	9/20/04	14,900	ND	ND	ND	ND	14,900	ND	ND	ND

South Detention Basin
Polychlorinated Biphenyls

	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	DB59 D-3-6	3-6	9/20/04	9/20/04	9,910	ND	ND	ND	ND	9,910	ND	ND	ND
	DB59 D-6-10.5	6-10.5	9/20/04	9/20/04	12,600	ND	ND	ND	ND	12,600	ND	ND	ND
DB60	DB60-1-4'	1-4	9/8/04	9/20/04	28,500	ND	ND	ND	ND	28,500	ND	ND	ND
	DB8-Comp	1-9	8/3/04	8/25/04	4,250	ND	ND	ND	ND	4,250	ND	ND	ND
	DB14-Comp	1-9	8/3/04	8/26/04	9,080	ND	ND	ND	ND	9,080	ND	ND	ND
	DB20-Comp	1-9	8/3/04	8/26/04	3,160	ND	ND	ND	ND	3,160	ND	ND	ND
	DB26-Comp	1-9	8/3/04	8/26/04	**65,700**	ND	ND	ND	35,500	30,200	ND	ND	ND
	DB32-Comp	1-9	8/3/04	8/26/04	15,200	ND	ND	ND	ND	15,200	ND	ND	ND
	DB38-Comp	1-9	8/3/04	8/26/04	27,000	ND	ND	ND	ND	27,000	ND	ND	ND
	DB44-Comp	1-9	8/3/04	8/26/04	19,600	ND	ND	ND	ND	19,600	ND	ND	ND
	DB50-Comp	1-9	8/3/04	8/26/04	5,900	ND	ND	ND	ND	5,900	ND	ND	ND
	Comp-DB23, 29, 35-1-3'	1-3	8/4/04	8/29/04	5,890	ND	ND	ND	ND	5,890	ND	ND	ND
	Comp-DB23, 29, 35-3-6'	3-6	8/4/04	8/29/04	6,210	ND	ND	ND	ND	6,210	ND	ND	ND
	Comp-DB23, 29, 35-6-9'	6-9	8/4/04	8/29/04	4,500	ND	ND	ND	ND	4,500	ND	ND	ND
	Comp DB 51, 45, 39-1-3'	1-3	8/3/04	8/27/04	2,520	ND	ND	ND	ND	2,520	ND	ND	ND
	Comp DB 51, 45, 39-3-6'	3-6	8/3/04	8/27/04	11,100	ND	ND	ND	ND	11,100	ND	ND	ND
	Comp DB 51, 45, 39-6-9'	6-9	8/3/04	8/27/04	8,470	ND	ND	ND	ND	8,470	ND	ND	ND
	Comp DB 33, 27, 21-1-3'	1-3	8/3/04	8/27/04	1,990	ND	ND	ND	ND	1,990	ND	ND	ND
	Comp DB 33, 27, 21-3-6'	3-6	8/3/04	8/27/04	1,760	ND	ND	ND	ND	1,760	ND	ND	ND
	Comp DB 33, 27, 21-6-9'	6-9	8/3/04	8/27/04	**67,200**	ND	ND	ND	ND	67,200	ND	ND	ND
	Comp DB 34, 40, 41-1-3'	1-3	8/3/04	8/28/04	7,320	ND	ND	ND	ND	7,320	ND	ND	ND
	Comp DB 34, 40, 41-3-6'	3-6	8/3/04	9/10/04	6,300	ND	ND	ND	ND	6,300	ND	ND	ND
	Duplicate 88	3-6	8/3/04	8/28/04	10,300	ND	ND	ND	ND	10,300	ND	ND	ND
	Comp DB 34, 40, 41-6-9'	6-9	8/3/04	8/28/04	3,700	ND	ND	ND	ND	3,700	ND	ND	ND
	Comp DB 11 & 17-1-3'	1-3	8/4/04	9/3/04	10,100	ND	ND	ND	ND	10,100	ND	ND	ND
	Comp DB 11 & 17-3-6'	3-6	8/4/04	9/3/04	5,780	ND	ND	ND	ND	5,780	ND	ND	ND
	Comp DB 11 & 17-6-9'	6-9	8/4/04	9/3/04	6,710	ND	ND	ND	ND	6,710	ND	ND	ND
	Comp DB 30, 36, 42-1-4'	1-4	8/4/04	9/3/04	11,700	ND	ND	ND	ND	11,700	ND	ND	ND
	Comp DB 12, 18, 24-1-4'	1-4	8/4/04	9/3/04	10,600	ND	ND	ND	ND	10,600	ND	ND	ND
	Duplicate 89 (Comp DB 12, 18, 24-1-4')	1-4	8/4/04	9/4/04	11,100	ND	ND	ND	ND	11,100	ND	ND	ND
	Comp DB 12, 18, 24-1-4'MS	1-4	8/4/04	9/3/04	18,400	ND	ND	ND	ND	18,400	ND	ND	ND
	Comp DB 12, 18, 24-1-4'MSD	1-4	8/4/04	9/3/04	22,100	ND	ND	ND	ND	22,100	ND	ND	ND
	Comp DB 10, 15, 9-1-3'	1-3	8/3/04	8/28/04	16,900	ND	ND	ND	ND	16,900	ND	ND	ND
	Comp DB 10, 15, 9-3-6'	3-6	8/3/04	8/28/04	8,010	ND	ND	ND	ND	8,010	ND	ND	ND
	Comp DB 10, 15, 9-6-9'	6-9	8/3/04	8/28/04	10,100	ND	ND	ND	ND	10,100	ND	ND	ND
	Comp DB 3&4-1-4'	1-4	8/3/04	8/28/04	7,850	ND	ND	ND	ND	7,850	ND	ND	ND
	Comp DB 5&6-1-4'	1-4	8/3/04	8/28/04	10,600	ND	ND	ND	ND	10,600	ND	ND	ND
	Comp DB 16, 22, 28-1-3'	1-3	8/3/04	9/10/04	5,650	ND	ND	ND	ND	5,650	ND	ND	ND
	Comp DB 16, 22, 28-3-6'	3-6	8/3/04	8/28/04	8,660	ND	ND	ND	ND	8,660	ND	ND	ND
	Comp DB 16, 22, 28-6-9'	6-9	8/3/04	8/28/04	6,320	ND	ND	ND	ND	6,320	ND	ND	ND

McCoy Field
Project No. 02685

Drain Lines
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
DL1	DL1-1-4'	1-4	8/10/04	9/9/04	6,380	ND	ND	ND	ND	6,380	ND	ND	ND
	DL1-4-7'	4-7	8/10/04	9/9/04	13,500	ND	ND	ND	ND	13,500	ND	ND	ND
	DL1-7-10'	7-10	8/10/04	9/9/04	5,980	ND	ND	ND	ND	5,980	ND	ND	ND
DL2	DL2-1-4'	1-4	8/10/04	9/9/04	19,700	ND	ND	ND	ND	19,700	ND	ND	ND
	DL2-4-7'	4-7	8/10/04	9/9/04	7,190	ND	ND	ND	ND	7,190	ND	ND	ND
	DL2-7-11'	7-11	8/10/04	9/9/04	3,680	ND	ND	ND	ND	3,680	ND	ND	ND
DL3	DL3-1-4'	1-4	8/10/04	9/9/04	17,800	ND	ND	ND	ND	17,800	ND	ND	ND
	Duplicate 97 (DL3-1-4')	1-4	8/10/04	9/9/04	10,400	ND	ND	ND	ND	10,400	ND	ND	ND
	DL3-4-7'	4-7	8/10/04	9/9/04	12,200	ND	ND	ND	ND	12,200	ND	ND	ND
	DL3-4-7' MS	4-7	8/10/04	9/9/04	17,100	ND	ND	ND	ND	17,100	ND	ND	ND
	DL3-4-7' MSD	4-7	8/10/04	9/9/04	67,600	ND	ND	ND	ND	67,600	ND	ND	ND
	DL3-7-11	7-11	8/10/04	9/9/04	2,060	ND	ND	ND	ND	2,060	ND	ND	ND
DL4	DL4-1-3'	1-3	8/10/04	9/9/04	23,500	ND	ND	ND	ND	23,500	ND	ND	ND
	DL4-5-7'	5-7	8/10/04	9/9/04	2,240	ND	ND	ND	ND	2,240	ND	ND	ND
	DL4-10-11.5	10-11.5	8/10/04	9/9/04	13,000	ND	ND	ND	ND	13,000	ND	ND	ND
DL5	DL5-1-5'	1-5	8/10/04	9/9/04	3,080	ND	ND	ND	ND	3,080	ND	ND	ND
	DL5-5-11	5-11	8/10/04	9/9/04	1,830	ND	ND	ND	ND	1,830	ND	ND	ND
DL6	(no sample collected - clean backfill - located over current sewer line)	~	~	~	~	~	~	~	~	~	~	~	~
DL7	(no sample collected - clean backfill - located on Hathaway Boulevard.)	~	~	~	~	~	~	~	~	~	~	~	~
DL8	(no sample collected - clean backfill - located on Hathaway Boulevard.)	~	~	~	~	~	~	~	~	~	~	~	~
DL9	DL9-1-4'	1-4	8/10/04	9/9/04	10,200	ND	ND	ND	ND	10,200	ND	ND	ND
	DL9-4-7'	4-7	8/10/04	9/9/04	4,380	ND	ND	ND	ND	4,380	ND	ND	ND
	DL9-7-10'	7-10	8/10/04	9/9/04	11,500	ND	ND	ND	ND	11,500	ND	ND	ND
DL10	DL10-1-4'	1-4	8/11/04	9/13/04	7,220	ND	ND	ND	ND	7,220	ND	ND	ND
	DL10-4-8'	4-8	8/11/04	9/23/04	14,000	ND	ND	ND	ND	14,000	ND	ND	ND
	Duplicate 99 (DL10-4-8')	4-8	8/11/04	9/9/04	10,200	ND	ND	ND	ND	10,200	ND	ND	ND
	DL10-8-11.5'	8-11.5	8/11/04	9/23/04	2,220	ND	ND	ND	ND	2,220	ND	ND	ND
	DL10-1-4'MS	1-4	8/11/04	9/23/04	10,800	ND	ND	ND	ND	10,800	ND	ND	ND
	DL10-1-4'MSD	1-4	8/11/04	9/23/04	16,600	ND	ND	ND	ND	16,600	ND	ND	ND
DL11	DL11-1-4'	1-4	8/11/04	9/13/04	21,140	ND	ND	ND	ND	21,140	ND	ND	ND
	DL11-4-7'	4-7	8/11/04	9/23/04	12,600	ND	ND	ND	ND	12,600	ND	ND	ND
	DL11-7-11'	7-11	8/11/04	9/23/04	9,500	ND	ND	ND	ND	9,500	ND	ND	ND
DL12	DL12-1-4'	1-4	8/11/04	9/23/04	11,400	ND	ND	ND	ND	11,400	ND	ND	ND
	DL12-4-8'	4-8	8/11/04	9/23/04	18,600	ND	ND	ND	ND	18,600	ND	ND	ND
	DL12-8-11.5'	8-11.5	8/11/04	9/13/04	25,000	ND	ND	ND	ND	25,000	ND	ND	ND
DL13	(no sample collected - clean backfill - located in South Corridor)	~	~	~	~	~	~	~	~	~	~	~	~
DL14	DL14-1-4'	1-4	8/11/04	9/13/04	6,500	ND	ND	ND	ND	6,500	ND	ND	ND
	DL14-4-8'	4-8	8/11/04	9/23/04	13,500	ND	ND	ND	ND	13,500	ND	ND	ND
	DL14-8-12'	8-12	8/11/04	9/14/04	4,400	ND	ND	ND	ND	4,400	ND	ND	ND

McCoy Field
Project No. 02685

Drain Lines
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
DL15	DL15-1-4'	1-4	12/2/04	12/4/04	10,200	ND	ND	ND	ND	10,200	ND	ND	ND
	DL15-4-8'	4-8	12/2/04	12/4/04	11,800	ND	ND	ND	ND	11,800	ND	ND	ND
	DL15-8-11'	8-11	12/2/04	12/4/04	4,610	ND	ND	ND	ND	4,610	ND	ND	ND
COMP	Duplicate 100 (DL16-DL22 Medium)	--	8/11/04	9/9/04	5,770	ND	ND	ND	ND	5,770	ND	ND	ND
DL16	DL16-1-4'	1-4	8/11/04	9/15/04	20,200	ND	ND	ND	ND	20,200	ND	ND	ND
	DL16-4-8'	4-8	8/11/04	9/15/04	12,400	ND	ND	ND	ND	12,400	ND	ND	ND
DL17	(no sample collected due to proximity to DB59 - use DB59 data)	~	~	~	~	~	~	~	~	~	~	~	~
DL18	DL18-1-3'	1-3	8/11/04	9/15/04	5,100	ND	ND	ND	ND	5,100	ND	ND	ND
	DL18-3-6'	3-6	8/11/04	9/15/04	3,330	ND	ND	ND	ND	3,330	ND	ND	ND
	DL18-A-1-4'	1-4	12/2/04	12/4/04	13,500	ND	ND	ND	ND	13,500	ND	ND	ND
	DL18-A-4-8'	4-8	12/2/04	12/4/04	4,270	ND	ND	ND	ND	4,270	ND	ND	ND
	DL18-A-8-10'	8-10	12/2/04	12/4/04	9,300	ND	ND	ND	ND	9,300	ND	ND	ND
DL19	DL19-1-3'	1-3	8/11/04	9/15/04	4,000	ND	ND	ND	ND	4,000	ND	ND	ND
	DL19-3-6'	3-6	8/11/04	9/15/04	8,400	ND	ND	ND	ND	8,400	ND	ND	ND
	DL19-A-1-4	1-4	12/2/04	12/4/04	11,300	ND	ND	ND	ND	11,300	ND	ND	ND
	DL19-A-1-4'MS	1-4	12/2/04	12/4/04	34,500	ND	ND	ND	ND	34,500	ND	ND	ND
	DL19-A-1-4'MSD	1-4	12/2/04	12/4/04	20,500	ND	ND	ND	ND	20,500	ND	ND	ND
	DL19-A-4-8'	4-8	12/2/04	12/4/04	11,600	ND	ND	ND	ND	11,600	ND	ND	ND
	Duplicate 194 (DL19-A-4-8')	4-8	12/2/04	12/4/04	13,200	ND	ND	ND	ND	13,200	ND	ND	ND
	DL19-A-8-11'	8-11	12/2/04	12/4/04	6,900	ND	ND	ND	ND	6,900	ND	ND	ND
DL20	DL20-1-3'	1-3	8/11/04	9/23/04	21,000	ND	ND	ND	ND	21,000	ND	ND	ND
	DL20-1-3'MS	1-3	8/11/04	9/23/04	17,900	ND	ND	ND	ND	17,900	ND	ND	ND
	DL20-1-3'MSD	1-3	8/11/04	9/23/04	21,000	ND	ND	ND	ND	21,000	ND	ND	ND
	DL20-3-6'	3-6	8/11/04	9/15/04	5,825	ND	ND	ND	ND	5,825	ND	ND	ND
	DL20-A-1-4'	1-4	10/22/04	10/29/04	7,760	ND	ND	ND	ND	7,760	ND	ND	ND
	DL20-A-4-8'	4-8	10/22/04	10/29/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL20-A-8-9'	8-9	10/22/04	10/29/04	7,200	ND	ND	ND	ND	7,200	ND	ND	ND
DL21	DL21-A-1-4'	1-4	10/22/04	10/29/04	4,170	ND	ND	ND	ND	4,170	ND	ND	ND
	DL21-A-4-8'	4-8	10/22/04	10/29/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL21-A-8-8.5'	8-8.5	10/22/04	10/29/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL22	DL22-1-3'	1-3	8/11/04	9/23/04	26,000	ND	ND	ND	ND	26,000	ND	ND	ND
	DL22-3-6'	3-6	8/11/04	9/15/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL22-A-1-4'	1-4	12/2/04	12/4/04	5,560	ND	ND	ND	ND	5,560	ND	ND	ND
	DL22-A-4-8'	4-8	12/2/04	12/4/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL22-A-8-9'	8-9	10/22/04	10/29/04	2,030	ND	ND	ND	ND	2,030	ND	ND	ND
	DL22-A-8-9.5'	8-9.5	12/2/04	12/4/04	1,930	ND	ND	ND	ND	1,930	ND	ND	ND
DL23	(deleted - drain lines shifted)	~	~	~	~	~	~	~	~	~	~	~	~
DL24	(deleted - drain lines shifted)	~	~	~	~	~	~	~	~	~	~	~	~
DL25	(deleted - drain lines shifted)	~	~	~	~	~	~	~	~	~	~	~	~
DL26	(deleted - drain lines shifted)	~	~	~	~	~	~	~	~	~	~	~	~
DL27	(deleted - drain lines shifted)	~	~	~	~	~	~	~	~	~	~	~	~
DL28	(deleted - drain lines shifted)	~	~	~	~	~	~	~	~	~	~	~	~

McCoy Field
Project No. 02685

Drain Lines
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
DL29	(deleted - drain lines shifted)	~	~	~	~	~	~	~	~	~	~	~	~
DL30	DL30-1-4'	1-4	8/11/04	9/13/04	26,300	ND	ND	ND	ND	26,300	ND	ND	ND
	DL30-4-8'	4-8	8/11/04	9/13/04	10,600	ND	ND	ND	ND	10,600	ND	ND	ND
	DL30-8-11.5'	8-11.5	8/11/04	9/13/04	5,000	ND	ND	ND	ND	5,000	ND	ND	ND
DL31	DL31-1-4'	1-4	8/11/04	9/23/04	22,850	ND	ND	ND	ND	22,850	ND	ND	ND
	DL31-4-7'	4-7	8/11/04	9/13/04	12,300	ND	ND	ND	ND	12,300	ND	ND	ND
	DL31-7-11'	7-11	8/11/04	9/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL32	DL32-1-4'	1-4	8/11/04	9/13/04	11,000	ND	ND	ND	ND	11,000	ND	ND	ND
	DL32-4-7'	4-7	8/11/04	9/13/04	3,000	ND	ND	ND	ND	3,000	ND	ND	ND
	DL32-7-11'	7-11	8/11/04	9/13/04	3,800	ND	ND	ND	ND	3,800	ND	ND	ND
DL33	DL33-1-3'	1-3	8/11/04	9/3/04	7,575	ND	ND	ND	ND	7,575	ND	ND	ND
	DL33-3-6'	3-6	8/11/04	9/3/04	6,340	ND	ND	ND	ND	6,340	ND	ND	ND
DL34	DL34-1-4'	1-4	8/11/04	9/3/04	10,840	ND	ND	ND	ND	10,840	ND	ND	ND
	DL34-4-8'	4-8	8/11/04	9/3/04	8,730	ND	ND	ND	ND	8,730	ND	ND	ND
DL35	DL35-1-4'	1-4	8/11/04	9/3/04	33,800	ND	ND	ND	ND	33,800	ND	ND	ND
	DL36-4-8'	4-8	8/11/04	9/3/04	13,800	ND	ND	ND	ND	13,800	ND	ND	ND
DL36	DL36-1-4'	1-4	8/11/04	9/3/04	8,600	ND	ND	ND	ND	8,600	ND	ND	ND
	DL36-4-8'	4-8	8/11/04	9/3/04	4,650	ND	ND	ND	ND	4,650	ND	ND	ND
COMP	DUPLICATE 121 (DL76-86 Medium)	--	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
NOTE: There is no DL37 through DL75													
DL76	DL76-1-3'	1-3	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL76-3-6'	3-6	8/26/04	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL76-6-9'	6-9	8/26/04	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL77	DL77-1-3'	1-3	8/26/04	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL77-3-6'	3-6	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL77-6-9'	6-9	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL78	DL78-1-4'	1-4	8/26/04	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL78-4-7'	4-7	8/26/04	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL78-7-10'	7-10	8/26/04	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL79	DL79-1-3'	1-3	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL79-3-6'	3-6	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL79-6-9'	6-9	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL80	DL80-1-4'	1-4	8/26/04	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate 119 (DL80-1-4')	1-4	8/26/04	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL80-4-8.5'	4-8.5	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL81	DL81-1-5'	1-5	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate 120 (DL81-1-5')	1-5	8/26/04	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL82	DL82-1-3'	1-3	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL82-3-6'	3-6	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL82-6-9'	6-9	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL83	DL83-1-3'	1-3	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL83-3-6'	3-6	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

Drain Lines
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
	DL83-6-9'	6-9	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL84	DL84-1-3'	1-3	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL84-3-6'	3-6	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL84-6-9'	6-9	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL85	DL85-1-3'	1-3	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL85-3-6'	3-6	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL85-6-9'	6-9	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL86	DL86-1-4'	1-4	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL86-4-7'	4-7	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL86-7-11'	7-11	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL87	DL87-1-4'	1-4	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL87-4-7'	4-7	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL87-7-11'	7-11	8/26/04	9/1/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL88	(no sample collected - clean backfill - located over current sewer line)	~	~	~	~	~	~	~	~	~	~	~	~
DL89	(no sample collected - clean backfill - located on Hathaway Boulevard.)	~	~	~	~	~	~	~	~	~	~	~	~
DL90	(no sample collected - clean backfill - located on Hathaway Boulevard.)	~	~	~	~	~	~	~	~	~	~	~	~
DL91	DL91-1-4'	1-4	10/22/04	10/29/04	4,000	ND	ND	ND	ND	4,000	ND	ND	ND
	DL91-4-8'	4-8	10/22/04	10/29/04	7,730	ND	ND	ND	ND	7,730	ND	ND	ND
	DL91-8-10'	8-10	10/22/04	10/29/04	3,200	ND	ND	ND	ND	3,200	ND	ND	ND
DL92	DL92-1-4'	1-4	8/26/04	9/2/04	**212,000**	ND	ND	ND	ND	212,000	ND	ND	ND
	DL92-4-8.5'	4-8.5	8/26/04	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL92-A-1-4'	1-4	10/22/04	10/29/04	12,100	ND	ND	ND	ND	12,100	ND	ND	ND
	DL92-A-4-8'	4-8	10/22/04	10/29/04	7,020	ND	ND	ND	ND	7,020	ND	ND	ND
	DL92-A-8-9.5'	8-9.5	10/22/04	10/29/04	4,360	ND	ND	ND	ND	4,360	ND	ND	ND
	DL92-B-1-4'	1-4	10/22/04	10/29/04	38,500	ND	ND	ND	ND	38,500	ND	ND	ND
	DL92-B-4-8'	4-8	10/22/04	10/28/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL92-B-8-10'	8-10	10/22/04	10/28/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL92-C-1-4'	1-4	10/22/04	10/29/04	**94,500**	ND	ND	ND	ND	94,500	ND	ND	ND
	Duplicate 169 (DL92-C-1-4')	1-4	10/22/04	10/29/04	**52,800**	ND	ND	ND	ND	52,800	ND	ND	ND
	DL92-C-4-8'	4-8	10/22/04	10/28/04	3,260	ND	ND	ND	ND	3,260	ND	ND	ND
	DL92-C-8-9.75'	8-9.75	10/22/04	10/28/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL92-D-1-4'	1-4	10/22/04	10/28/04	24,900	ND	ND	ND	ND	24,900	ND	ND	ND
	DL92-D-4-8'	4-8	10/22/04	10/28/04	4,910	ND	ND	ND	ND	4,910	ND	ND	ND
	DL92-D-8-9.5'	8-9.5	10/22/04	10/29/04	2,320	ND	ND	ND	ND	2,320	ND	ND	ND
DL93	(no sample collected due to proximity to DB75 - use DB75 data)	~	~	~	~	~	~	~	~	~	~	~	~
DL94	(no sample collected - clean backfill.)	~	~	~	~	~	~	~	~	~	~	~	~
DL95	(consistently hit refusal while drilling in this area.)	~	~	~	~	~	~	~	~	~	~	~	~
	DL96-1-3'	1-3	9/9/04	9/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

Drain Lines
Polychlorinated Biphenyls

	Sample Identification	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
DL96	(no sample collected beyond 3' bgs - clean backfill.)	~	~	~	~	~	~	~	~	~	~	~	~
DL97	DL97-1-2'	1-2	9/9/04	9/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(no sample collected beyond 2' bgs - clean backfill.)	~	~	~	~	~	~	~	~	~	~	~	~
DL98	DL98-1-4'	1-4	9/9/04	9/17/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(no sample collected beyond 4' bgs - clean backfill.)	~	~	~	~	~	~	~	~	~	~	~	~
DL99	DL99-1-4'	1-4	9/9/04	9/16/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate 134 (DL99-1-4')	1-4	9/9/04	9/16/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL99-4-7'	4-7	9/9/04	9/16/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL99-7-10'	7-10	9/9/04	9/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DL100	(no sample with this ID collected)	~	~	~	~	~	~	~	~	~	~	~	~
DL101	(no sample with this ID collected)	~	~	~	~	~	~	~	~	~	~	~	~
DL102	(no sample with this ID collected)	~	~	~	~	~	~	~	~	~	~	~	~
DL103	(no sample with this ID collected)	~	~	~	~	~	~	~	~	~	~	~	~
DL104	(no sample with this ID collected)	~	~	~	~	~	~	~	~	~	~	~	~
DL105	DL105-1-3	1-3	9/20/04	9/22/04	3,590	ND	ND	ND	ND	3,590	ND	ND	ND
	DL105-3-6	3-6	9/20/04	9/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL105-6-8.5	6-8.5	9/20/04	9/22/04	3,210	ND	ND	ND	ND	3,210	ND	ND	ND
DL106	DL106-1-3	1-3	9/20/04	9/22/04	2,890	ND	ND	ND	ND	2,890	ND	ND	ND
	DL106-3-6	3-6	9/20/04	9/22/04	2,300	ND	ND	ND	ND	2,300	ND	ND	ND
	DL106-6-8	6-8	9/20/04	9/22/04	1,330	ND	ND	ND	ND	1,330	ND	ND	ND
DL107	DL107-1-3	1-3	9/20/04	9/22/04	**63,700**	ND	ND	ND	ND	63,700	ND	ND	ND
	DL107-3-6	3-6	9/20/04	9/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL107-6-10	6-10	9/20/04	9/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate 139		9/20/04	9/22/04	5,430	ND	ND	ND	ND	5,430	ND	ND	ND
	MS-DL107-6-10	6-10	9/20/04	9/22/04	6,960	ND	ND	ND	ND	6,960	ND	ND	ND
	MSD-DL107-6-10	6-10	9/20/04	9/22/04	7,990	ND	ND	ND	ND	7,990	ND	ND	ND
	DL107-A-1-3'	1-3	9/24/04	9/28/04	4,620	ND	ND	ND	ND	4,620	ND	ND	ND
	DL107-A-3-6'	3-6	9/24/04	9/28/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL107-A-6-10.25'	6-10.25	10/1/04	10/4/04	2,940	ND	ND	ND	ND	2,940	ND	ND	ND
	DL107-B-1-3'	1-3	9/24/04	9/28/04	8,420	ND	ND	ND	ND	8,420	ND	ND	ND
	DL107-B-3-6'	3-6	9/24/04	9/28/04	**109,000**	ND	ND	ND	ND	109,000	ND	ND	ND
	DL107-B-6-10'	6-10	10/1/04	10/4/04	6,260	ND	ND	ND	ND	6,260	ND	ND	ND
	DL107-C-1-3'	1-3	10/1/04	10/4/04	**56,300**	ND	ND	ND	ND	56,300	ND	ND	ND
	DL107-C-3-6'	3-6	10/1/04	10/4/04	2,990	ND	ND	ND	ND	2,990	ND	ND	ND
	DL107-C-6-10'	6-10	10/1/04	10/3/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DL107-D-1-3'	1-3	10/1/04	10/6/04	15,900	ND	ND	ND	ND	15,900	ND	ND	ND
	DL107-D-3-6'	3-6	10/1/04	10/6/04	4,630	ND	ND	ND	ND	4,630	ND	ND	ND
	DL107-D-6-10'	6-10	10/1/04	10/6/04	2,260	ND	ND	ND	ND	2,260	ND	ND	ND
DL108	DL108-1-3	1-3	9/20/04	9/22/04	12,400	ND	ND	ND	ND	12,400	ND	ND	ND
	DL108-3-6	3-6	9/20/04	9/22/04	4,660	ND	ND	ND	ND	4,660	ND	ND	ND

Drain Lines
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
	DL108-6-10	6-10	9/20/04	9/22/04	3,930	ND	ND	ND	ND	3,930	ND	ND	ND
DL109	DL109-1-3	1-3	9/20/04	9/22/04	9,070	ND	ND	ND	ND	9,070	ND	ND	ND
	DL109-3-6	3-6	9/20/04	9/22/04	3,920	ND	ND	ND	ND	3,920	ND	ND	ND
	DL109-6-10	6-10	9/20/04	9/22/04	5,400	ND	ND	ND	ND	5,400	ND	ND	ND
CY-1	CY-1-1-3'	1-3	10/12/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate 158 (CY-1-1-3')	1-3	10/12/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CY-1-3-6'	3-6	10/12/04	10/20/04	43,600	ND	ND	ND	ND	43,600	ND	ND	ND
	CY-1-6-10'	6-10	10/12/04	10/20/04	13,200	ND	ND	ND	ND	13,200	ND	ND	ND
CY-2	CY-2-1-3'	1-3	10/12/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CY-2-3-6'	3-6	10/12/04	10/20/04	10,800	ND	ND	ND	ND	10,800	ND	ND	ND
	CY-2-6-10'	6-10	10/12/04	10/20/04	21,600	ND	ND	ND	ND	21,600	ND	ND	ND
CY-3	CY-3-1-3'	1-3	10/12/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CY-3-3-6'	3-6	10/12/04	10/20/04	41,600	ND	ND	ND	ND	41,600	ND	ND	ND
	CY-3-6-10'	6-10	10/12/04	10/20/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

McCoy Field
Project No. 02685

ROOF DRAIN OUTLETS
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
LOCATION	**Sample Identification**	**Depth**	**Collection Date**	**Analysis Date**									
OUTLET 1	OUTLET 1-A-1-2.5'	1-2.5	7/2/04	7/26/04	14,300	ND	ND	ND	ND	14,300	ND	ND	ND
	OUTLET 1-B-0.5-2.5'	0.5-2.5	7/2/04	7/26/04	18,000	ND	ND	ND	ND	18,000	ND	ND	ND
	OUTLET 1-C-0-2.5'	0-2.5	7/2/04	7/27/04	21,200	ND	ND	ND	ND	21,200	ND	ND	ND
	OUTLET 1-D-0-2'	0-2	7/2/04	7/27/04	6,460	ND	ND	ND	ND	6,460	ND	ND	ND
	OUTLET 1 A+B+C+D	~	7/2/04	~	~	~	~	~	~	~	~	~	~
OUTLET 2	OUTLET 2-A-1-2'	1-2	7/2/04	7/26/04	16,900	ND	ND	ND	ND	16,900	ND	ND	ND
	OUTLET 2-B-0-1'	0-1	7/2/04	7/26/04	5,560	ND	ND	ND	ND	5,560	ND	ND	ND
	OUTLET 2-C-0-1'	0-1	7/2/04	7/26/04	3,620	ND	ND	ND	ND	3,620	ND	ND	ND
	OUTLET 2-A+B+C	~	7/2/04	~	~	~	~	~	~	~	~	~	~
OUTLET 3	OUTLET 3-A-1-2.5'	1-2.5	7/2/04	7/26/04	6,810	ND	ND	ND	ND	6,810	ND	ND	ND
	OUTLET 3-AB-0-2'	0-2	7/2/04	7/26/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	OUTLET 3-A+B	~	7/2/04	~	~	~	~	~	~	~	~	~	~
	OUTLET 3-C-1-3'	1-3	10/8/04	10/14/04	2,080	ND	ND	ND	ND	2,080	ND	ND	ND
OUTLET 4	OUTLET 4-A-1-2.5'	1-2.5	7/2/04	7/26/04	3,830	ND	ND	ND	ND	3,830	ND	ND	ND
	OUTLET 4-B-0-2'	0-2	7/2/04	7/26/04	4,240	ND	ND	ND	ND	4,240	ND	ND	ND
	OUTLET 4-A+B	~	7/2/04	~	~	~	~	~	~	~	~	~	~
	OUTLET 4-C-1-4'	1-4	10/8/04	10/14/04	1,220	ND	ND	ND	ND	1,220	ND	ND	ND
	OUTLET 4 SP	~	7/30/04	8/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
OUTLET 5	OUTLET 5-A-1-2.5'	1-2.5	7/2/04	7/26/04	1,530	ND	ND	ND	ND	1,530	ND	ND	ND
	OUTLET 5-B-0-2'	0-2	7/2/04	7/26/04	3,420	ND	ND	ND	ND	3,420	ND	ND	ND
	OUTLET 5-A+B	~	7/2/04	~	~	~	~	~	~	~	~	~	~
	OUTLET 5-C-1-4'	1-4	10/8/04	10/12/04	10,800	ND	ND	ND	ND	10,800	ND	ND	ND
	OUTLET 5 SP	~	7/29/04	7/31/04	2,220	ND	ND	ND	ND	2,220	ND	ND	ND

McCoy Field
Project No. 02685

Lights
Polychlorinated Biphenyls

Quadrant	Sample ID	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
L1	L1-1-4'	1-4	8/17/04	8/21/04	3,640	ND	ND	ND	ND	3,640	ND	ND	ND
	L1-4-7'	4-7	8/17/04	8/25/04	2,920	ND	ND	ND	ND	1,770	1,150	ND	ND
	L1-7-11'	7-11	8/17/04	8/21/04	2,100	ND	ND	ND	ND	2,100	ND	ND	ND
L4	L4-1-4'	1-4	8/17/04	8/23/04	287	ND	ND	ND	ND	287	ND	ND	ND
	L4-4-8'	4-8	8/17/04	8/21/04	26,200	ND	ND	ND	ND	26,200	ND	ND	ND
	L4-8-12'	8-12	8/17/04	8/24/04	92	ND	ND	ND	ND	92	ND	ND	ND
L5	L5-1-4'	1-4	8/17/04	8/21/04	1,580	ND	ND	ND	ND	1,580	ND	ND	ND
	Duplicate 104 (L5-1-4')	1-4	8/17/04	8/25/04	17,000	ND	ND	ND	ND	17,000	ND	ND	ND
	L5-4-7'	4-7	8/17/04	8/21/04	12,500	ND	ND	ND	ND	12,500	ND	ND	ND
	L5-7-10'	7-10	8/17/04	8/23/04	552	ND	ND	ND	ND	552	ND	ND	ND
Flagpole	FLAGPOLE-1-3'	1-3	8/17/04	8/21/04	4,140	ND	ND	ND	ND	4,140	ND	ND	ND
	FLAGPOLE-3-6'	3-6	8/17/04	8/21/04	3,960	ND	ND	ND	ND	3,960	ND	ND	ND
	FLAGPOLE-6-9'	6-9	8/17/04	8/23/04	10,100	ND	ND	ND	ND	10,100	ND	ND	ND
L6	L6-1-4'	1-4	11/17/04	11/23/04	35,800	ND	ND	ND	ND	35,800	ND	ND	ND
	L6-4-8'	4-8	11/17/04	11/24/04	**73,900**	ND	ND	ND	ND	73,900	ND	ND	ND
	L6-8-9.5'	8-9.5	11/17/04	11/23/04	10,500	ND	ND	ND	ND	10,500	ND	ND	ND
L7	L7-1-4'	1-4	11/17/04	11/23/04	7,010	ND	ND	ND	ND	7,010	ND	ND	ND
	L7-4-8'	4-8	11/17/04	11/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	L7-8-9'	8-9	11/17/04	11/23/04	2,360	ND	ND	ND	ND	2,360	ND	ND	ND
L8	L8-1-3'	1-3	8/17/04	8/21/04	3,810	ND	ND	ND	ND	3810	ND	ND	ND
	L8-3-6'	3-6	8/17/04	8/25/04	13,500	ND	ND	ND	ND	13500	ND	ND	ND
	L8-6-9'	6-9	8/17/04	8/21/04	961	ND	ND	ND	ND	961	ND	ND	ND
L9	L9-1-4'	1-4	8/17/04	8/21/04	1,670	ND	ND	ND	ND	1670	ND	ND	ND
	L9-4-7'	4-7	8/17/04	8/21/04	1,240	ND	ND	ND	ND	1240	ND	ND	ND
	L9-7-10'	7-10	8/17/04	8/23/04	3,320	ND	ND	ND	ND	1610	1710	ND	ND
L10	L10-1-3'	1-3	8/17/04	8/23/04	1,080	ND	ND	ND	ND	1080	ND	ND	ND
	L10-3-6'	3-6	8/17/04	8/25/04	**1,020,000**	ND	ND	ND	ND	1020000	ND	ND	ND
	Duplicate 106 (L10-3-6')	3-6	8/17/04	8/21/04	**178,000**	ND	ND	ND	ND	178,000	ND	ND	ND
	L10-6-9'	6-9	8/17/04	8/24/04	23,500	ND	ND	ND	ND	23500	ND	ND	ND
	L10-A-3-6'	3-6	12/3/04	12/8/04	10,000	ND	ND	ND	ND	10000	ND	ND	ND
	L10-B-3-6'	3-6	12/3/04	12/8/04	9,530	ND	ND	ND	ND	9530	ND	ND	ND
	L10-C-3-6'	3-6	12/3/04	12/8/04	3,520	ND	ND	ND	ND	3520	ND	ND	ND
	L10-D-3-6'	3-6	12/3/04	12/8/04	**73,500**	ND	ND	ND	ND	73500	ND	ND	ND
L11	L11-1-3'	1-3	8/17/04	8/24/04	13,100	ND	ND	ND	ND	13100	ND	ND	ND
	L11-3-6'	3-6	8/17/04	8/23/04	2,220	ND	ND	ND	ND	2220	ND	ND	ND
	L11-6-9.5'	6-9.5	8/17/04	8/23/04	**113,000**	ND	ND	ND	ND	113,000	ND	ND	ND
	L11-A-6-10'	6-10	12/3/04	12/8/04	3,450	ND	ND	ND	ND	3,450	ND	ND	ND
	Duplicate 196 (L11-A-6-10')	6-10	12/3/04	12/8/04	5,410	ND	ND	ND	ND	5,410	ND	ND	ND
	L11-B-6-11'	6-11	12/2/04	12/4/04	11,700	ND	ND	ND	ND	11,700	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

Lights
Polychlorinated Biphenyls

Quadrant	Sample ID	Depth	Collection Date	Analysis Date	Total PCBs (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1016/ 1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	PCB-1262 (ug/kg)	PCB-1268 (ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
	L11-C-6-10'	6-10	12/3/04	12/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	L11-C-6-10'MS	6-10	12/3/04	12/8/04	8,110	ND	ND	ND	ND	8,110	ND	ND	ND
	L11-C-6-10'MSD	6-10	12/3/04	12/8/04	8,790	ND	ND	ND	ND	8,790	ND	ND	ND
	L11-D-6-9.5'	6-9.5	12/2/04	12/4/04	10,200	ND	ND	ND	ND	10,200	ND	ND	ND
L12	L12-1-4'	1-4	8/17/04	8/24/04	**54,500**	ND	ND	ND	ND	54,500	ND	ND	ND
	L12-4-7'	4-7	8/17/04	8/24/04	3,630	ND	ND	ND	ND	3,630	ND	ND	ND
	L12-7-10'	7-10	8/17/04	8/24/04	21,700	ND	ND	ND	ND	21,700	ND	ND	ND
L13	L13-1-4'	1-4	8/17/04	8/23/04	2,350	ND	ND	ND	ND	2,350	ND	ND	ND
	L13-4-8'	4-8	8/17/04	8/24/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	L13-8-12'	8-12	8/17/04	8/24/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
L14	L14-1-4'	1-4	8/17/04	8/24/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	L14-4-8'	4-8	8/17/04	8/24/04	95	ND	ND	ND	ND	95	ND	ND	ND
	L14-8-12'	8-12	8/17/04	8/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
L15	L15-1-4'	1-4	8/17/04	8/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	L15-4-8'	4-8	8/17/04	8/24/04	1,100	ND	ND	ND	ND	1,100	ND	ND	ND
	L15-8-12'	8-12	8/17/04	8/24/04	492	ND	ND	ND	ND	492	ND	ND	ND
L16	L16-1-4'	1-4	8/17/04	8/21/04	2,120	ND	ND	ND	ND	2,120	ND	ND	ND
	L16-4-8'	4-8	8/17/04	8/21/04	4,370	ND	ND	ND	ND	4,370	ND	ND	ND
L17	L17-1-4'	1-4	8/19/04	8/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	L17-4-7'	4-7	8/19/04	8/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	L17-7-10'	7-10	8/19/04	8/25/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
L18	L18-0-4'	0-4	12/3/04	12/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	L18-4-5'	4-5	12/3/04	12/8/04	1,210	ND	ND	ND	ND	1,210	ND	ND	ND
L19	L19-1-4'	1-4	8/19/04	8/26/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate 107 (L19-1-4')	1-4	8/19/04	8/26/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	L19-4-7'	4-7	8/19/04	8/26/04	3,120	ND	ND	ND	ND	3,120	ND	ND	ND
	L19-7-11'	7-11	8/19/04	8/26/04	3,260	ND	ND	ND	ND	3,260	ND	ND	ND
L20	L20-1-4'	1-4	8/19/04	8/26/04	2,300	ND	ND	ND	ND	2,300	ND	ND	ND
	L20-4-7'	4-7	8/19/04	8/26/04	5,530	ND	ND	ND	ND	5,530	ND	ND	ND
	L20-7-11'	7-11	8/19/04	8/26/04	1,970	ND	ND	ND	ND	1,970	ND	ND	ND
L21	L21-1-4'	1-4	8/19/04	8/26/04	2,820	ND	ND	ND	ND	2,820	ND	ND	ND
	L21-4-7'	4-7	8/19/04	8/26/04	1,900	ND	ND	ND	ND	1,900	ND	ND	ND
	L21-7-10.5'	7-10.5	8/19/04	8/26/04	1,420	ND	ND	ND	ND	1,420	ND	ND	ND
L22	L22-1-4'	1-4	8/19/04	8/26/04	792	ND	ND	ND	ND	792	ND	ND	ND
	L22-4-7'	4-7	8/19/04	8/26/04	5,160	ND	ND	ND	ND	5,160	ND	ND	ND
	L22-7-11.5'	7-11.5	8/19/04	8/27/04	2,520	ND	ND	ND	ND	2,520	ND	ND	ND
L23	L23-1-4'	1-4	8/19/04	8/26/04	2,010	ND	ND	ND	ND	2,010	ND	ND	ND
	L23-4-8'	4-8	8/19/04	8/26/04	22,200	ND	ND	ND	ND	22,200	ND	ND	ND

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

Lights
Polychlorinated Biphenyls

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
				RCS-1	**2,000**	~	~	~	~	~	~	~	~
				Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
				UCL	**100,000**	~	~	~	~	~	~	~	~
Quadrant	**Sample ID**	**Depth**	**Collection Date**	**Analysis Date**									
	L23-8-12'	8-12	8/19/04	8/26/04	1,220	ND	ND	ND	ND	1,220	ND	ND	ND
L24	L24-1-4'	1-4	8/19/04	8/26/04	4,470	ND	ND	ND	ND	4,470	ND	ND	ND
	L24-4-7'	4-7	8/19/04	8/26/04	3,780	ND	ND	ND	ND	3,780	ND	ND	ND
	L24-7-9'	7-9	8/19/04	8/26/04	21,400	ND	ND	ND	ND	21,400	ND	ND	ND
L25	L25-1-4'	1-4	8/19/04	8/26/04	**69,800**	ND	ND	ND	ND	69,800	ND	ND	ND
	L25-4-7'	4-7	8/19/04	8/26/04	19,900	ND	ND	ND	ND	19,900	ND	ND	ND
	L25-7-10'	7-10	8/19/04	8/26/04	3,490	ND	ND	ND	ND	3,490	ND	ND	ND
L26	L26-1-4'	1-4	8/19/04	8/27/04	10,600	ND	ND	ND	ND	10,600	ND	ND	ND
	L26-4-8'	4-8	8/19/04	8/27/04	9,150	ND	ND	ND	ND	9,150	ND	ND	ND
	L26-8-12'	8-12	8/19/04	8/27/04	6,210	ND	ND	ND	ND	6,210	ND	ND	ND
L27	L27-1-4'	1-4	8/19/04	8/27/04	5,650	ND	ND	ND	ND	5,650	ND	ND	ND
	L27-4-8.5'	4-8.5	8/19/04	8/27/04	26,300	ND	ND	ND	ND	26,300	ND	ND	ND
L28	L28-1-3'	1-3	8/19/04	8/26/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DUPLICATE 110 (L28-1-3')	1-3	8/19/04	8/26/04	629	ND	ND	ND	ND	629	ND	ND	ND
	L28-3-6'	3-6	8/19/04	8/27/04	40,200	ND (8770)	ND (8770)	ND (8770)	ND (8770)	40,200	ND (8770)	ND (8770)	ND (8770)
	L28-6-9.5'	6-9.5	8/19/04	8/27/04	11,700	ND	ND	ND	ND	11,700	ND	ND	ND
L29	L29-1-4'	1-4	8/19/04	8/27/04	43,600	ND (9260)	ND (9260)	ND (9260)	ND (9260)	43,600	ND (9260)	ND (9260)	ND (9260)
	L29-4-8'	4-8	8/19/04	8/27/04	1,460	ND	ND	ND	ND	1,460	ND	ND	ND
	L29-8-11'	8-11	8/19/04	8/27/04	**49,000**	ND (9800)	ND (9800)	ND (9800)	ND (9800)	49,000	ND (9800)	ND (9800)	ND (9800)
L30	L30-1-4'	1-4	8/19/04	8/27/04	34,900	ND	ND	ND	ND	34,900	ND	ND	ND
	L30-4-8'	4-8	8/19/04	8/26/04	4,460	ND	ND	ND	ND	4,460	ND	ND	ND
	L30-8-11'	8-11	8/19/04	8/27/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
L31	L31-1-4'	1-4	8/19/04	8/26/04	7,300	ND	ND	ND	ND	7,300	ND	ND	ND
	L31-4-8'	4-8	8/19/04	8/27/04	**48,900**	ND (8660)	ND (8660)	ND (8660)	ND (8660)	48,900	ND (8660)	ND (8660)	ND (8660)
	L31-8-12'	8-12	8/19/04	8/27/04	20,700	ND	ND	ND	ND	20,700	ND	ND	ND
L32	Clean backfill from installation of nearby fire hydrant												

NOTES:
ND = Not detected
~ = Constituent not analyzed
Gray shading indicates Turnkey Acceptance Limit exceedance.
Black shading indicates UCL exceedance.

McCoy Field
Project No. 02685

Sidewalk
Polychlorinated Biphenyls

				Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
Sample Identification	**Depth**	**Collection Date**	**Analysis Date**									
Sidewalk-1-1.25-2'	1.25-2	10/28/04	10/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sidewalk-2-1.5-2'	1.5-2	10/29/04	11/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sidewalk-3-1-2'	1-2	10/29/04	11/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sidewalk-4-0.25-2'	0.25-2	10/29/04	11/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sidewalk-5-0.5-2'	0.5-2	10/29/04	11/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sidewalk-6-0.5-2'	0.5-2	10/29/04	11/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

McCoy Field
Project No. 02685

North Stockpiles
Polychlorinated Biphenyls

			Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
			(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
		RCS-1	**2,000**	~	~	~	~	~	~	~	~
		Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
		UCL	**100,000**	~	~	~	~	~	~	~	~
Sample Identification	**Collection Date**	**Analysis Date**									
North SP-1	9/23/04	9/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
North SP-2	9/23/04	9/30/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
North SP-3	9/23/04	9/30/04	29,100	ND	ND	ND	ND	29,100	ND	ND	ND
North SP-4	9/23/04	9/30/04	**46,500,000**	ND	ND	ND	ND	46,500,000	ND	ND	ND
NSP-4-0-1'	12/9/04	12/13/04	**377,000**	ND	ND	ND	ND	377,000	ND	ND	ND
NSP-4-1-2'	12/9/04	12/18/04	9,380	ND	ND	ND	ND	9,380	ND	ND	ND
NSP-4-A-0-1'	12/9/04	12/13/04	**4,300,000**	ND	ND	ND	ND	4,300,000	ND	ND	ND
NSP-4-A-1-2'	12/9/04	12/18/04	**450,000**	ND	ND	ND	ND	450,000	ND	ND	ND
NSP-4-A-2-3'	1/11/05	1/13/05	35,100	ND	ND	ND	ND	35,100	ND	ND	ND
NSP-4-B-0-1'	12/9/04	12/13/04	**102,000**	ND	ND	ND	ND	102,000	ND	ND	ND
NSP-4-B-1-2'	12/9/04	12/18/04	11,500	ND	ND	ND	ND	11,500	ND	ND	ND
NSP-4-C-0-1'	12/9/04	12/13/04	**1,210,000**	ND	ND	ND	ND	1,210,000	ND	ND	ND
NSP-4-C-1-2'	12/9/04	12/18/04	3,450	ND	ND	ND	ND	3,450	ND	ND	ND
NSP-4-D-0-1'	12/9/04	12/13/04	13,200	ND	ND	ND	ND	13,200	ND	ND	ND
NSP-4-D-1-2'	12/9/04	1/15/05	38,300	ND	ND	ND	ND	38,300	ND	ND	ND
NSP-4-E-0-1'	12/9/04	12/18/04	**78,900**	ND	ND	ND	ND	78,900	ND	ND	ND
NSP-4-F-0-1'	12/9/04	12/18/04	24,700	ND	ND	ND	ND	24,700	ND	ND	ND
NSP-4-H-0-1'	12/9/04	12/18/04	**630,000**	ND	ND	ND	ND	630,000	ND	ND	ND
NSP-4-H-1-2'	1/11/05	1/13/05	**2,290,000**	ND	ND	ND	ND	2,290,000	ND	ND	ND
NSP-4-H-2-3'	1/11/05	1/15/05	10,800	ND	ND	ND	ND	10,800	ND	ND	ND
NSP-4-I-0-1'	1/11/05	1/13/05	8,350	ND	ND	ND	ND	8,350	ND	ND	ND
NSP-4-I-1-2'	1/11/05	1/13/05	**72,800**	ND	ND	ND	ND	72,800	ND	ND	ND
North SP-5	9/23/04	9/30/04	**2,190,000**	ND	ND	ND	ND	2,190,000	ND	ND	ND
NSP-5-0-1'	12/9/04	12/13/04	**321,000**	ND	ND	ND	ND	321,000	ND	ND	ND
NSP-5-1-2'	12/9/04	12/18/04	33,600	ND	ND	ND	ND	33,600	ND	ND	ND
NSP-5-A-0-1'	12/9/04	12/13/04	21,800	ND	ND	ND	ND	21,800	ND	ND	ND
NSP-5-B-0-1'	12/9/04	12/13/04	**70,400**	ND	ND	ND	37,100	ND	ND	33,300	ND
NSP-5-C-0-1'	12/9/04	12/13/04	7,770	ND	ND	ND	ND	7,770	ND	ND	ND
NSP-5-D-0-1'	12/9/04	12/13/04	4,050	ND	ND	ND	ND	4,050	ND	ND	ND
NSP-5-F-0-1'	12/9/04	1/15/05	**332,000**	ND	ND	ND	ND	332,000	ND	ND	ND
NSP-5-F-1-2'	12/9/04	1/15/05	40,300	ND	ND	ND	ND	23,700	ND	16,600	ND
NSP-5-G-0-1'	12/9/04	1/15/05	4,060	ND	ND	ND	ND	4,060	ND	ND	ND
NSP-5-G-1-2'	12/9/04	1/15/05	7,230	ND	ND	ND	ND	7,230	ND	ND	ND
NSP-5-I-0-1'	1/19/05	1/20/05	8,930	ND	ND	ND	ND	8,930	ND	ND	ND
NSP-5-J-0-1'	1/19/05	1/20/05	18,400	ND	ND	ND	ND	18,400	ND	ND	ND
NSP-6-0-1'	12/9/04	12/13/04	2,230	ND	ND	ND	ND	2,230	ND	ND	ND
North SP-6	9/23/04	9/30/04	2,040	ND	ND	ND	ND	2,040	ND	ND	ND
North SP-7	10/29/04	11/4/04	34,700	ND	ND	ND	ND	34,700	ND	ND	ND
North SP-8	10/29/04	11/4/04	**865,000**	ND	ND	ND	ND	865,000	ND	ND	ND
NSP-8-A-0-1'	11/11/04	11/15/04	**74,760**	ND	ND	ND	ND	74,760	ND	ND	ND
NSP-8-A-0-1'	12/9/04	12/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
NSP-8-A-1-2'	11/11/04	11/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
NSP-8-A-2-3'	11/11/04	11/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND

McCoy Field
Project No. 02685

North Stockpiles
Polychlorinated Biphenyls

			Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
			(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
		RCS-1	**2,000**	~	~	~	~	~	~	~	~
		Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
		UCL	**100,000**	~	~	~	~	~	~	~	~
Sample Identification	**Collection Date**	**Analysis Date**									
NSP-8-B-0-1'	11/11/04	11/15/04	28,100	ND	ND	ND	ND	28,100	ND	ND	ND
NSP-8-B-0-1'	12/9/04	12/13/01	**589,000**	ND	ND	ND	ND	589,000	ND	ND	ND
NSP-8-B-1-2'	11/11/04	11/18/04	3,280	ND	ND	ND	ND	3,280	ND	ND	ND
NSP-8-B-2-3'	11/11/04	11/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
NSP-8-B-3-4'	11/11/04	11/18/04	13,400	ND	ND	ND	ND	13,400	ND	ND	ND
NSP-8-B-4-5'	11/11/04	11/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
NSP-8-C-0-1'	12/9/04	12/13/04	**989,000**	ND	ND	ND	ND	989,000	ND	ND	ND
NSP-8-C-0-1'	11/11/04	11/15/04	**32,760,000**	ND	ND	ND	ND	32,760,000	ND	ND	ND
Duplicate 188	11/11/04	11/15/04	**37,890,000**	ND	ND	ND	ND	37,890,000	ND	ND	ND
NSP-8-C-1-2'	11/11/04	11/18/04	**3,450,000**	ND	ND	ND	ND	3,450,000	ND	ND	ND
NSP-8-C-2-3'	11/11/04	11/18/04	**201,000**	ND	ND	ND	ND	201,000	ND	ND	ND
NSP-8-C-3-4'	11/11/04	11/18/04	**139,000**	ND	ND	ND	ND	139,000	ND	ND	ND
NSP-8-C-4-5'	11/11/04	11/22/04	**62,100**	ND	ND	ND	ND	62,100	ND	ND	ND
NSP-8-D-0-1'	11/11/04	11/15/04	37,300	ND	ND	ND	ND	37,300	ND	ND	ND
NSP-8-D-1-2'	11/11/04	11/18/04	3,070	ND	ND	ND	ND	3,070	ND	ND	ND
NSP-8-D-2-3'	11/11/04	11/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
NSP-8-E-0-1'	12/9/04	12/13/04	**626,000**	ND	ND	ND	ND	626,000	ND	ND	ND
NSP-8-E-1-2'	12/9/04	12/10/04	4,400	ND	ND	ND	ND	4,400	ND	ND	ND
NSP-8-E-2-3'	12/9/04	12/10/04	7,190	ND	ND	ND	ND	7,190	ND	ND	ND
NSP-8-E-3-4'	12/9/04	12/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
NSP-8-F-0-1'	12/9/04	12/18/04	**307,000**	ND	ND	ND	ND	307,000	ND	ND	ND
NSP-8-F-1-2'	1/11/05	1/13/05	**153,000**	ND	ND	ND	ND	153,000	ND	ND	ND
NSP-8-F-2-3'	1/11/05	1/15/05	1,920	ND	ND	ND	ND	1,920	ND	ND	ND
NSP-8-G-0-1'	12/9/04	12/13/04	**78,500**	ND	ND	ND	ND	78,500	ND	ND	ND
NSP-8-G-1-2'	12/9/04	12/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
NSP-8-G-2-3'	12/9/04	12/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
NSP-8-G-3-4'	12/9/04	12/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
Duplicate 197 (NSP-8-H-1-2')	12/3/04	7/30/04	5,990	ND	ND	ND	ND	5,990	ND	ND	ND
NSP-8-I-0-1'	12/9/04	12/13/04	**55,000**	ND	ND	ND	ND	55,000	ND	ND	ND
NSP-8-I-1-2'	12/9/04	12/10/04	2,110	ND	ND	ND	ND	2,110	ND	ND	ND
NSP-8-I-2-3'	12/9/04	12/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
NSP-8-I-3-4'	12/9/04	12/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
NSP-8-K-0-1'	1/11/05	1/13/05	**95,200**	ND	ND	ND	ND	95,200	ND	ND	ND
Duplicate 214 (NSP-8-K-0-1')	1/11/05	1/13/05	**2,250,000**	ND	ND	ND	ND	2,250,000	ND	ND	ND
NSP-8-K-1-2'	1/11/05	1/15/05	3,180	ND	ND	ND	ND	3,180	ND	ND	ND
NSP-8-M-0-1'	1/26/05	1/27/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
North SP-9	10/29/04	11/4/04	5,840	ND	ND	ND	ND	5,840	ND	ND	ND

McCoy Field
Project No. 02685

Durfee Fence
Polychlorinated Biphenyls

				Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
Sample ID	**Depth**	**Collection Date**	**Analysis Date**									
DFA-0-1'	0-1	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1020)	ND	ND	ND
DFA-1-2'	1-2	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1030)	ND	ND	ND
DFA-2-3'	2-3	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1000)	ND	ND	ND
DFA-3-4'	3-4	11/4/04	11/10/04	2,070	ND	ND	ND	ND	2,070	ND	ND	ND
DFA-4-5'	4-5	11/4/04	11/10/04	2,260	ND	ND	ND	ND	2,260	ND	ND	ND
DFA-5-6'	5-6	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1270)	ND	ND	ND
DFA-6-7'	6-7	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (2550)	ND	ND	ND
DFB-0-1'	0-1	11/4/04	11/10/04	1,340	ND	ND	ND	ND	1,340	ND	ND	ND
DFB-1-2'	1-2	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1050)	ND	ND	ND
DFB-2-3'	2-3	11/4/04	11/10/04	2,690	ND	ND	ND	ND	2,690	ND	ND	ND
DFB-3-4'	3-4	11/4/04	11/10/04	12,000	ND	ND	ND	ND	12,000	ND	ND	ND
DFB-4-5'	4-5	11/4/04	11/10/04	1,730	ND	ND	ND	ND	1,730	ND	ND	ND
DFB-5-6'	5-6	11/4/04	11/10/04	19,710	ND	ND	ND	ND	2,610	ND	ND	17,100
DFB-6-7'	6-7	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (3590)	ND	ND	ND
DFC-0-1'	0-1	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1060)	ND	ND	ND
DFC-1-2'	1-2	11/4/04	11/10/04	1,880	ND	ND	ND	ND	1,880	ND	ND	ND
DFC-2-3'	2-3	11/4/04	11/10/04	10,400	ND	ND	ND	ND	10,400	ND	ND	ND
Duplicate 186	2-3	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1290)	ND	ND	ND
DFC-3-4'	3-4	11/4/04	11/10/04	2,030	ND	ND	ND	ND	2,030	ND	ND	ND
DFC-4-5'	4-5	11/4/04	11/10/04	14,210	ND	ND	ND	ND	14,210	ND	ND	ND
DFD-0-1'	0-1	11/4/04	11/10/04	2,340	ND	ND	ND	ND	2,340	ND	ND	ND
DFD-1-2'	1-2	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1130)	ND	ND	ND
DFD-2-3'	2-3	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1180)	ND	ND	ND
DFD-3-4'	3-4	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1330)	ND	ND	ND
Duplicate 185	3-4	11/4/04	11/10/04	1,590	ND	ND	ND	ND	1,590	ND	ND	ND
DFE-0-1'	0-1	11/4/04	11/10/04	2,950	ND	ND	ND	ND	2,950	ND	ND	ND
DFE-1-2'	1-2	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1120)	ND	ND	ND
DFE-2-3'	2-3	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1150)	ND	ND	ND
DFE-3-4'	3-4	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1310)	ND	ND	ND
DFF-0-0.5'	0-0.5	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1230)	ND	ND	ND
DFF-0.5-1.5'	0.5-1.5	11/4/04	11/10/04	2,050	ND	ND	ND	ND	2,050	ND	ND	ND
DFF-1.5-2.5'	1.5-2.5	11/4/04	11/10/04	3,490	ND	ND	ND	ND	3,490	ND	ND	ND
DFF-2.5-3.5'	2.5-3.5	11/4/04	11/10/04	4,410	ND	ND	ND	ND	4,410	ND	ND	ND
DFF-3.5-4.5'	3.5-4.5	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
DFG-0-1'	0-1	11/4/04	11/10/04	2,060	ND	ND	ND	ND	2,060	ND	ND	ND
DFG-1-2'	1-2	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1170)	ND	ND	ND
DFG-2-3'	2-3	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1140)	ND	ND	ND
DFG-3-4'	3-4	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1150)	ND	ND	ND
DFG-4-5'	4-5	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1100)	ND	ND	ND
DFG-5-6'	5-6	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1040)	ND	ND	ND
DFH-0-1.5'	0-1.5	11/4/04	11/10/04	1,580	ND	ND	ND	ND	1,580	ND	ND	ND
DFH-1.5-3'	1.5-3	2/16/05	2/18/05	359	ND	ND	ND	ND	359	ND	ND	ND

Durfee Fence
Polychlorinated Biphenyls

				Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
				(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
			RCS-1	**2,000**	~	~	~	~	~	~	~	~
			Turnkey Acceptance Limit	**50,000**	~	~	~	~	~	~	~	~
			UCL	**100,000**	~	~	~	~	~	~	~	~
Sample ID	**Depth**	**Collection Date**	**Analysis Date**									
DFH-1.5-3'MS	1.5-3	2/16/05	2/18/05	792	ND	ND	ND	ND	792	ND	ND	ND
DFH-1.5-3'MSD	1.5-3	2/16/05	2/18/05	695	ND	ND	ND	ND	695	ND	ND	ND
DFI-0-0.5'	0-0.5	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1130)	ND	ND	ND
DFI-0.5-3'	0.5-3	2/16/05	2/18/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Duplicate 215 (DFI-0.5-3')	0.5-3	2/16/05	2/18/05	353	ND	ND	ND	ND	353	ND	ND	ND
DFJ-0-0.75'	0-0.75	11/4/04	11/10/04	ND	ND	ND	ND	ND	ND (1280)	ND	ND	ND
DFJ-0.75-3'	0.75-3	2/16/05	2/18/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
DFK-0-1'	0-1	2/16/05	2/18/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
DFK-1-3'	1-3	2/16/05	2/18/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
DFL-0-1'	0-1	2/16/05	2/18/05	ND	ND	ND	ND	ND	ND	ND	ND	ND
DFL-1-3'	1-3	2/16/05	2/18/05	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not detected
~ = Constituent not analyzed
Gray shaded values indicate that the Turnkey Acceptance Limit has been exceeded.
Black shaded values indicate that the Upper Concentration Limit (UCL) has been exceeded.

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Attachment D

Laboratory Analytical
Reports on CD-ROM

Attachment E

Long-term Cap Monitoring Plan

ATTACHMENT E

Long-Term Cap Monitoring Plan

Background

The fate and transport characteristics of the contaminants of concern (polychlorinated biphenyls (PCBs), heavy metals (primarily lead and barium) and polynuclear aromatic hydrocarbons (PAHs)) have been evaluated and the following apply:

- All COCs are relatively insoluble in water;
- All COCs are only minimally volatile; and
- Direct contact, adsorption and/or ingestion are the only significant pathway for human exposure.

Therefore, by installing engineered barriers and eliminating direct exposure to contaminated media, the risk to human health and the environment can be substantially eliminated.

The engineered barriers must be maintained in accordance with the following monitoring plan, to keep the contaminated fill layer isolated from human and environmental receptors:

1) The new Keith Middle School has been constructed on steel H-piles, with the base of the concrete floor of the school at or near grade. The floor consists of a minimum of six inches of poured-in-place reinforced concrete. Prior to placement of the concrete floor, an impermeable elastomeric gas membrane ("LIQUID BOOT®") was applied beneath the floor, as an added precaution to prevent migration of any volatile gases into the building. In addition, a passive vent system has been installed to vent any accumulated gases to the atmosphere.

2) Portions of exterior areas of the school facility are landscaped. All landscaped areas were constructed by removing site soil to a minimum depth of 3 feet below final grade, placing a geotextile fabric to demarcate the limits of excavation and to separate residual PCB-impacted soil from clean fill, backfilling with a 6 to 12-inch base of imported clean crushed stone, placing an orange polyethylene mesh warning barrier, followed by imported clean sandy gravel and topsoil to achieve finished grade.

3) The remaining exterior site areas are asphalt or concrete paved. Asphalt has been placed at a minimum thickness of three inches on top of at least two feet of imported crushed stone sub-base underlain by a geotextile fabric. The concrete sidewalks have a minimum thickness of six inches, also on top of two feet of imported clean crushed sub-base, gravel and geotextile fabric.

In combination, the purpose of these three barriers is to prevent human exposure and erosion, and represent the cap for the school facility in accordance with the requirements of 40 CFR 761.61(a)(7).

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Cap Maintenance

The following activities are required to maintain the integrity of the cap. In the event that activities prohibited in this section must be undertaken, a Massachusetts Licensed Site Professional must be involved to direct and oversee the activities.

A. Maintain all asphalt pavement, concrete pavement, and sidewalks such that the integrity of each is not compromised.

   1) If replacement of asphalt surfaces, concrete pavements and/or sidewalks is required, it shall be limited to the material to be replaced such that the underlying soil is not significantly disturbed (six inches deep or less below bottom of surface being removed) and the surface material is immediately (within 72 hours) repaired or replaced with a comparable barrier.

   2) No excavation shall be performed to a depth greater than two feet beneath paved areas.

B. Maintain all interior building floors such that the integrity of each is not compromised. This shall include a prohibition against any of the following activities, except as provided for above:

   1) Removal of building floor slab that would expose underlying contaminated soil (Note that a minimum of one foot of clean compacted granular fill directly underlies the concrete slab.);

   2) Any penetration or breaching of the vapor barrier beneath the building floor;

   3) Any excavation beneath building floors; and/or

   4) Any such activities that result, or could result, in compromising the structural integrity of building floors, asphalt pavement, or concrete pavement.

C. Maintain all landscaped areas such that soil erosion or other exposure of contaminated fill is prevented. This shall include a prohibition against any of the following activities, except as provided for above:

   1. If vegetation is to be planted or removed, excavation and/or removal of existing root systems shall not extend beyond two feet below existing grade.

   2) Prohibition against any excavation to a depth greater than three feet in landscaped areas.

ATTACHMENT E

3) Prohibition against any activities that result, or could result, in the erosion of soil in any unpaved area.

4) Prohibition against planting any deep-rooted vegetation (i.e., with roots typically extending greater than three feet below grade).

5) Any removal of overburden soil that reduces the depth of clean fill over the residual PCB-impacted soil to less than three feet.

Cap Inspections

Perform semi-annual inspections and associated record keeping activities to confirm that the cap is being properly maintained to prevent exposure. Particular attention is drawn to the following best management practices:

- Any damage to the cap, whatever the cause, must be repaired immediately to substantially restore the cap to its original design condition.
- Performance of frequent and short watering of landscape vegetation to encourage shallow root growth is recommended.
- Any deep-rooted indigenous species identified during routine inspections shall be immediately removed.

Deed Restriction

The above requirements will be recorded on the property in a Notice of Activity and Use Limitation (AUL) at the Bristol County Registry of Deeds. The AUL will be prepared and filed within 60 days of completion of cleanup activity, as required in 40 CFR 761.61(8)(i), in accordance with the requirements of the Massachusetts Contingency Plan 310 CMR 40.0000. The AUL will be maintained, and the Cap Monitoring Plan will continue to be implemented, in perpetuity, or until such time as additional response actions allow the modification or removal of the AUL and Cap Monitoring Plan in accordance with all applicable laws and regulations in force at the time.

Soil Management Plan

A Soil Management Plan must be prepared by a Massachusetts Licensed Site Professional (LSP) and implemented prior to the commencement of any activity which is likely to disturb contaminated soil, the top of which is located at two to four feet below surface grade within the AUL area. The Soil Management Plan should describe appropriate soil excavation, handling, storage, transport, and disposal procedures and include a description of the engineering controls and air monitoring procedures necessary to ensure that workers and receptors in the vicinity are not affected by fugitive dust or particles. On-Site workers must be informed of the requirements of the soil management plan, and the Plan must be available on-site throughout the course of the project.

ATTACHMENT E

Health and Safety Plan

A Health and Safety Plan must be prepared by a certified Industrial Hygienist or other qualified individual sufficiently trained in worker health and safety requirements and implemented prior to the commencement of any activity which is likely to disturb contaminated soil, the top of which is located at two to four feet below surface grade within the AUL area. The Health and Safety Plan should specify the type of personal protection (i.e., clothing, respirators), engineering controls, and environmental monitoring (if any) necessary to prevent worker exposures to contaminated soil through dermal contact, ingestion, and/or inhalation. Workers must be informed of the requirements of the Health and Safety Plan, and the plan must be available on-site throughout the course of the project.

ATTACHMENT E – Cap Monitoring Log Sheet

Inspection Date: _____ Inspection By: _____

Use this inspection form to document quarterly inspections. If unacceptable conditions are observed, complete form again immediately after repairs are completed.

A. Asphalt Surfaces - observe asphalt for cracking, holes, asphalt removed during construction, other damage.

All asphalt surfaces acceptable? ☐ **YES** ☐ **NO**

If no, describe unacceptable asphalt:

Location _____

Condition _____

_____

_____

Describe any repairs to asphalt conducted since previous inspection: _____

_____

_____

All repairs adequate? ☐ **YES** ☐ **NO**

B. Concrete Surfaces - observe concrete for cracking, holes, concrete removed during construction, other damage.

All concrete surfaces acceptable? ☐ **YES** ☐ **NO**

If no, describe unacceptable concrete:

Location _____

Condition _____

_____

_____

Describe any repairs to concrete conducted since previous inspection: _____

_____

_____

All repairs adequate? ☐ **YES** ☐ **NO**

C. Landscaping - observe landscaping for erosion, animal holes, excavation, vegetation health.

All landscaped areas acceptable? ☐ **YES** ☐ **NO**

If no, describe unacceptable conditions:

Location _____

ATTACHMENT E – Cap Monitoring Log Sheet

Condition _____

_____

_____

Describe any repairs to landscaping conducted since previous inspection: _____

_____

_____

All repairs adequate? ☐ **YES** ☐ **NO**

Attachment F

Environmental Monitoring Plan

ATTACHMENT F

Environmental Monitoring Plan

Background

The results of soil gas sampling performed in 2002 under the location of the current School building were evaluated for the potential to adversely impact indoor air, assuming that no vapor barrier was installed. The conclusion was that *no significant risk* to human health is posed by the measured soil gas concentrations. Nevertheless, the City and the School Department decided to install a vapor barrier as an added layer of protection against intrusion of any gases that may accumulate under the building.

Comprehensive review of the fate and transport characteristics of the contaminants of concern was also performed as part of the assessment of corrective actions. The contaminants were ranked according to tendency to solubilize in water, volatilize, and desorb from soil particles. The majority of the contaminants are only slightly soluble, very slightly volatile or non-volatile, and slightly or hardly mobile or immobile. This indicates that these contaminants have a very low migration potential, and that installation of an exposure management barrier is an appropriate response action to manage risk at the site.

Given the fate and transport characteristics of the contaminants of concern, it is not likely that either indoor air or groundwater will be adversely impacted at the site. However, considering the potential receptors are children who could be potentially exposed for an extended period of time, the environmental monitoring activities will be implemented.

1.0 INDOOR AIR MONITORING

Indoor air monitoring will be performed as part of a long term environmental monitoring plan for the New Keith Middle School. The indoor air sampling will be conducted in conformance with current industry standards and good engineering practices, based on the Massachusetts Department of Environmental Protection policy entitled "Indoor Air Sampling and Evaluation Guide" WSC Policy #02-430 dated April 2002.

1.1 Air Sampling Procedures

The concentrations of potential airborne contaminants within the school building will be monitored on a semi-annual basis.

- **August Sampling Event**

  Air samples will be collected in early August with the goal of collecting the samples in a Summa canister (or equivalent), performing laboratory analyses, evaluating the data, and communicating the results to school officials at least two weeks prior to the start of each school year. This goal of this sampling event is to assess indoor air conditions during the warmer weather, when the formation of volatile gases, if any, is greatest. Also, at that time, the school will likely experience lower than normal air exchanges, since the doors and windows of the school building will be mostly closed and air handling

ATTACHMENT F

equipment being generally inactive. In addition, the use of air sampling equipment will not interfere with normal school activities.

- **December Sampling Event**

  The second sampling event will occur during the December school vacation. The goal of this sampling event is to obtain a "worst-case" air sample, during the period when the school will have experienced lower than normal air exchanges. During the winter vacation, the doors and windows will be mostly closed and the heating equipment will be in operation. Frozen ground surrounding the school could also contribute to a buildup of volatile organic gases beneath the school ground and result in the increased potential for gas migration into the building.

1.2 Sample Locations

One indoor air sample will be collected from each of the three school building sections (A, B and C). Each location will be selected to be representative of portions of the school building normally occupied by students and teachers. An LSP retained by the School Department will perform a Site inspection prior to each sampling event to select the indoor air sampling locations. Sample locations may be changed between each sampling event. Samples will normally be collected at the height of the normal breathing zone.

1.3 Analytical Parameters

At each sampling event, air samples will be collected and analyzed for the following parameters:

1. Volatile Organic Compounds (VOCs) by EPA Method TO-14A - Standard laboratory precleaned and evacuated passivated SUMMA canisters will be used to collect 24-hour composite samples.
2. Polychlorinated Biphenyls (PCB) by NIOSH Method 5503 – Personal sampling pumps will be used to draw sample air through florisil tubes to collect 24-hour composite samples.

Changes based on technical justification may be made in the specific sample collection intervals and/or substitutions be made by equal or improved sampling and/or analytical methods upon review and approval of LSP-of-Record.

1.4 Quality Assurance/Quality Control

At one indoor location, a duplicate VOC and PCB sample will be collected to verify precision. At least one VOC and PCB sample will be collected using the same methods from immediately outside of the building (typically at a roof top location) to provide comparative background results. One laboratory prepped and evacuated SUMMA canister and one unopened florisil tube will be transported from the laboratory to the field and back to the laboratory without being used. These blank samples will be laboratory analyzed as field blanks.

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1.5 Action Levels

1.5.1 PCBs in Indoor Air

Two risk-based air concentrations (RBACs) for PCBs in the gaseous phase within the school have been calculated. Both RBACs are based on an occupational exposure within the school (8 hours per day, 250 days per year, for 25 years, since this represents the longest likely exposure in the school), and are based on the potential carcinogenic effects of PCBs [using U.S. EPA's cancer unit risk value of 2 $(mg/m^3)^{-1}$].

- The first RBAC is an Action Level set at a target excess lifetime cancer risk of $1x10^{-6}$. This Action Level is intended to be used as an initial indicator that PCB concentrations above background levels have been detected and that investigation as to the source of PCBs is warranted.
- The second RBAC is the maximum acceptable air concentration that should not be exceeded for any extended time period, using a target excess lifetime cancer risk of $1x10^{-5}$. Since long-term, rather than short-term, exposure is of concern, the maximum acceptable air concentration could be exceeded over the short-term and still result in acceptable risk levels. Use of this value as the maximum acceptable air concentration is considered conservative.

The two values are calculated in Attachment A and summarized below:

RBAC for PCBs in air	RBAC ($\mu g/m^3$)
Action Level ($1x10^{-6}$)	0.006
Maximum Acceptable Level ($1x10^{-5}$)	0.06

1.5.1.1 PCB Results Exceeding Action Levels

Any indoor air result with an analyte concentration exceeding 0.006 $\mu g/m^3$ will be cause to initiate a follow-up assessment. At a minimum, such assessment shall consist of a visual inspection of the sample location area for potential indoor air contaminant sources and immediate resampling of the subject location. The laboratory results of this sampling shall be verbally reported to school officials within 72 hours and reported in writing within seven days. The follow up assessment may also include interviews with site personnel to help identify any previously undocumented site activities that may have occurred during sample collection, consultation with the analytical laboratory to confirm the validity of the result, or any other appropriate tasks to determine the source of the elevated indoor air detection.

If the follow-up assessment determines that the previously detected elevated level(s) persist, the LSP will develop a contingent assessment, monitoring, and corrective action plan for submittal to school officials, DEP, and EPA within 30 days.

ATTACHMENT F

If the follow up assessment determines that the previously detected elevated level(s) are either no longer present above 0.006 $\mu g/m^3$ or were anomalous or incorrect results, no further assessment will be required and the sampling program will return to its regular schedule.

1.5.2 Volatile Organic Compounds (VOCs)

The VOC results of each indoor air sample will be evaluated by comparison to a combination of the contemporary outdoor air sample and the DEP Threshold Effects Exposure Limits (TELs) and Allowable Ambient Limits (AALs) for Ambient Air currently in effect. The 1995 TELs and AALs are attached.

1.5.2.1 Results Exceeding VOC Background

Any indoor air result with an analyte concentration exceeding TELs or AALs will cause a follow-up assessment to be performed. At a minimum, the assessment shall consist of visual inspection of the sample location for potential indoor air contaminant sources and immediate resampling of the subject location. The assessment may also include interviews with site personnel to identify any previously undocumented site activities that may have occurred during sample collection, consultation with the analytical laboratory, or any other appropriate tasks to determine the source of the elevated indoor air detection.

The VOC results of each indoor air sample will also be compared to the corresponding background (outdoor) air sample. Any indoor air result with an analyte concentration exceeding the outdoor sample result by 50 percent or more will cause a follow up assessment to be performed. At a minimum, such assessment will consist of a visual inspection of the sample location for potential indoor air contaminant sources and immediate resampling of the subject location, along with a corresponding outdoor background sample. The follow-up assessment may also include interviews with site personnel to identify any previously undocumented site activities that may have occurred during sample collection, consultation with the analytical laboratory to confirm the validity of the result, or any other appropriate tasks to determine the source of the elevated indoor air detection.

If the follow-up assessment determines that the contaminant levels of the second sampling event are either no longer present above TELs, AALs, 150% of contemporary outdoor concentrations, or were anomalous or incorrect results, no further assessment will be required and the sampling program will return to its regular schedule.

If the follow up sampling and analysis confirms the presence of level(s) above TELs, AALs, or 150% of outdoor concentrations, the laboratory data will be submitted by the LSP-of-Record to a toxicologist/risk assessor for evaluation in accordance with section 9.0 Health Risk Assessment Under the MCP of the DEP policy “Indoor Air Sampling and Evaluation Guide” for further assessment. The LSP-of-Record will develop a contingent assessment, monitoring, and corrective action plan for submittal to school officials, DEP, and EPA within 30 days.

ATTACHMENT F

1.6 Reporting

Except as specified elsewhere in this Monitoring Plan, analytical results shall be provided verbally to school official(s) within 10 days of sample collection.

Except as specified elsewhere in this Monitoring Plan, within 30 days after completion of each sampling event, a written summary report presenting sampling methods, analytical methods (including description and justification for any changes to the above methods), analytical results, any deviations from the standard sampling or analytical methods, and a discussion of the implications of the analytical results will be provided to school officials and EPA.

2.0 GROUNDWATER MONITORING

Two groundwater monitoring wells will be installed along the western edge and one groundwater monitoring well will be installed along the southern edge of the school facility to serve as downgradient groundwater monitoring points. The wells will be constructed of two-inch diameter polyvinyl chloride riser pipe and screen. The wells will be installed with 10 feet of screen intersecting the average annual elevation of the water table. Groundwater samples will be collected from each well in the spring and fall. Samples will be collected using low flow sampling in accordance EPA Region I Low Stress (low flow) Purging and Sampling Procedure for the Collection of Ground Water Samples from Monitoring Wells, dated July 30, 1996, which is incorporated by reference in this document. Water quality parameters (pH, temperature, specific conductance, dissolved oxygen, oxidation-reduction potential, and turbidity) will be monitored during well purging with samples collected upon stabilization (generally < 5 percent fluctuation) of all parameters.

At each sampling event, samples will be collected and analyzed for the following parameters:

1. Volatile Organic Compounds (VOCs) by EPA Method 8260B
2. Polychlorinated Biphenyls (PCB) by EPA Method 8081
3. Dissolved Resource Conservation and Recovery Act metals

Substitutions may be made by equal or improved sampling and/or analytical methods.

2.1 Action Levels

The results of each groundwater sample will be evaluated by comparison to the Massachusetts Contingency Plan (310 CMR 40.0000) GW-2 and GW-3 standards. Any groundwater result with an analyte concentration exceeding their respective GW-2 or GW-3 standard will be cause for a follow-up assessment to be performed. Such assessment shall consist of reporting of the detection to DEP within 120 days and either:

(1) A Phase I Initial Site Investigation in accordance with the scope presented at 310 CMR 40.0483;

(2) A Method 3 Risk Assessment in accordance with 310 CMR 40.0990; or

ATTACHMENT F

(3) Other response actions determined by EPA and the LSP-of-Record retained by the City of New Bedford School Department to be protective of human health and the environment.

2.2 Reporting

Except as specified elsewhere in this Monitoring Plan, analytical results shall be verbally transmitted to school official(s) within 10 days of sample collection.

Within 30 days after completion of each sampling event, a summary report presenting sampling methods, analytical methods (including description and justification for any changes to the above methods), analytical results, any deviations from the standard sampling or analytical methods, and a discussion of the implications of the analytical results will be provided to school officials and EPA.

Attachment G

Specification 02200 – Earthwork (backfill materials)

SECTION 02200

EARTHWORK

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Bidding requirements, Contract Forms, General and Supplementary Conditions and Division I, General Requirements are hereby made a part of this Section. The Order of Conditions, DEP File No. SE 49-461, No. SE49-475 and all Amendments issued by the New Bedford Conservation Commission, is included in this contract in Section 00200 – Information Available to Bidders.

1.02 DESCRIPTION OF WORK

A. ***This project represents the final Phase of a three-phase project. Phase 1 consisted of the excavation and management of regulated soils for the installation of a portion of the project's subsurface utility system. Phase two completed the installation of the subsurface utility system, capping of the regulated soils and the shaping of the subgrades for the Phase III contract as shown on the Plans and specifications.*** The scope of work consists of all materials, equipment, labor and services required for all Earthwork work, including all items incidental thereto, as specified herein and as shown on the Drawings. The following work shall be included:

1. Surplus material shall be removed from the site. No burning on the site shall be permitted.

2. Excavating, filling, trenching and backfilling of all description required for the construction of walls, building structures, utility structures, utilities, pavements, seeded areas and site improvements. Provide all additional fill materials as required and specified herein. Refer to Sections on Heating, Plumbing, Electrical and Structural for other excavation.

3. Pumping and/or bailing necessary to maintain excavated spaces free from water from any source whatsoever.

4. Provide graded materials, as specified, for fills, base courses and backfills as required.

5. Protect all existing utilities, roads, pavements, lawns, planting and other improvements from damage due to construction. Install fencing and safety devices or controls as necessary.

6. Dust control and clean up.

B. The project site is part of a disposal site under the Massachusetts Contingency Plan (MCP) that has received "Special Project" designation by the Department of Environmental Protection. Under recent environmental contracts, near-surface contaminated soil has been removed in the vicinity of the Work, to significantly reduce the potential for exposure of workers to contaminated soil. However, in the event that excavation becomes necessary that could result in worker exposure to "suspect" contaminated subsurface soil, or off-site management of same, the CONTRACTOR must notify the ARCHITECT prior to proceeding with any subsurface excavations.

1.03 RELATED WORK SPECIFIED ELSEWHERE

A. Carefully examine all of the Contract Documents for requirements which effect the work of this section.

B. Other specifications sections, which directly relate to the work of this section include, but are not limited to, the following:

1. Section 00200 – Information Available To Bidders
2. Section 02100 - Site Preparation
3. Section 02500 - Paving and Surfacing
4. Section 02665 - Water System
5. Section 02800 - Site Improvements
6. Section 02810 - Irrigation
7. Section 02900 - Lawns and Planting
8. Section 03300 – Cast-In-Place Concrete
9. Section 15300 – Plumbing
10. Section 15400 – Fire Protection
11. Section 16000 - Electrical

1.04 REFERENCE STANDARDS

A. Definitions and Reference Standards:

1. ASTM: Specifications of the American Society for Testing and Materials.

2. AASHTO: American Association of State Highway and Transportation Officials.

3. ACI: American Concrete Institute.

4. Building Code: Commonwealth of Massachusetts State Building Code, latest edition.

5. EPA: Environmental protection Agency.

6. DEP: Department of Environmental Protection.

7. SSHB: Standard Specifications for Highways and Bridges, the Commonwealth of Massachusetts, Mass. Highway Department, latest edition.

1.05 BENCHMARKS AND ENGINEERING

A. Lines and grade work in accordance with Drawings and Specifications shall be laid out by a registered Civil Engineer or Surveyor employed by the Contractor. The Contractor shall establish permanent benchmarks, to which access can easily be had during the progress of the work. The Contractor shall maintain all established bounds and benchmarks and replace, as directed, any that may be disturbed or destroyed. The selection of the registered Civil Engineer or Surveyor shall be subject to the Architect's approval. The General Contractor shall pay all costs of the services of the Civil Engineer or Surveyor.

B. The Contractor shall verify dimensions and elevations on the ground and report any discrepancies immediately to the Architect. Any discrepancies not reported prior to construction shall not be the basis for claims for extra compensation.

C. An As-Built Plan of work completed in the Phase I and II contracts shall be provided to the Contractor in .DWG format.

1.06 SUBSURFACE INFORMATION

A. The Architect shall issue As-Built Drawings indicating the extent of regulated soils that have been removed covered with a geotextile soil separator, warning barrier and brought up to Phase III subgrades with compacted, clean granular fill.

B. The Owner assumes no responsibility for the Contractor's failure to make his own site investigation regarding the character of the soil or subsurface conditions, which may be encountered during the performance of the work. (See Section 00200 – Information Available To Bidders.)

1.07 FINISHED GRADES

A. The words "finished grades" as used herein mean the required final grade elevations indicated on the Drawings. Where not otherwise indicated, areas outside of buildings shall be given uniform slopes between points, for which finished grades are shown, or between such points and existing grade except that vertical curves or roundings shall be provided at abrupt changes in slope.

1.08 GRADES AND ELEVATIONS

A. The Drawings indicate, in general, the alignment and finished grade elevations and sewer, drain, water and underground electric invert grades. The Architect, however, may make such adjustments in grades and alignment as are found necessary in order to avoid interference and to adapt the piping to other special conditions encountered.

1.09 PROTECTION

A. All rules and regulations governing the respective utilities shall be observed in executing all work under this Section. All work shall be executed in such a manner as to prevent any damage to existing buildings, clean corridors, streets, curbs, paving, service utility lines, structures and adjoining property. Monuments and benchmarks shall be carefully maintained and, if disturbed or destroyed, replaced as directed.

B. The Contractor shall furnish all facilities and materials necessary to prevent the earth at the bottom of excavation from becoming frozen or unsuitable to receive footings, foundations or other load bearing units.

C. The Contractor, under this Section, shall provide at his own expense adequate pumping and drainage facades to keep the excavation sufficiently dry as not to affect adversely the quality or time of placement of concrete or other materials to be installed in the excavated areas.

D. The Contractor shall assume full responsibility for damages caused by him or his Subcontractor's equipment and personnel to the existing geotextile soil separator and warning barrier, buildings and grounds as well as adjoining private property.

E. The work of this Section shall be performed in such a manner as to cause no interference with access by the Subcontractors or other Contractors to all portions of the site as is necessary for the normal conduct of their work.

PART 2 - PRODUCTS

A. Crushed Stone:

1. Crushed stone to be placed under and around sewer and storm drain pipes as shown on the Drawings and as specified shall be washed graded free of organic materials three-quarter (3/4) inch to one-half (1/2)-inch size. Gradation shall conform to SSHB., Section M2.01.3 as follows:

U.S. Standard Sieve Size	Percent by Weight Passing	
	Minimum	Maximum
1- inch		100%
3/4 inches	90%	100%
1/2 inch	10%	50%

3/8 inch	0%	20%
#4	0%	5%

2. Crushed stone drive aprons as shown on the Drawings and as specified shall be washed graded free of organic materials two (2) inches to one-half (1/2)-inch size. Gradation shall conform to SSHB., Section M2.01.1 as follows:

U.S. Standard Sieve Size	Percent by Weight Passing Minimum	Maximum
2 inch	100%	-
1-1/2 inches	95%	50%
1 inch	35%	70%
3/4 inch	0%	25%

B. Select Granular Fill: Gravel base as called for on the Drawings, for foundations, bases and miscellaneous site improvements, as specified shall consist of a well graded sand and gravel, free from deleterious matter, loam and clay, meeting the following gradation requirements.

U.S. Standard Sieve Size	Percent by Weight Passing Minimum	Maximum
8 inches	100%	
3 inches	70%	100%
1/2 inches	40%	90%
No. 4	25%	80%
No. 10	15%	70%
No. 40	5%	40%
No. 200	0%	12%

C. Clean Granular Fill: Fill up to subgrade in landscaped areas, shall consist of a well-graded sand and gravel borrow, free from deleterious matter, loam and clay meeting the following gradation requirements.

U.S. Standard Sieve Size	Percent by Weight Passing Minimum	Maximum
8 inches	100%	
3 inches	70%	100%
1/2 inches	40%	100%
No. 4	25%	100%
No. 10	15%	95%
N0. 40	10%	70%
No. 200	0%	15%

D. Bedding Sand: Bedding sand for concrete unit pavers shall be clean, washed natural or manufactured concrete sand meeting the following gradation requirements.

U.S. Standard Sieve Size	Percent by Weight Passing Minimum	Maximum
3/8 inches	100%	
No. 4	95%	100%
No. 8	85%	100%
N0. 16	50%	85%
No. 30	25%	60%
N0. 50	10%	30%
No. 100	2%	10%

E. Joint Sand: Joint sand for concrete unit pavers shall be clean, washed natural or manufactured concrete sand meeting the following gradation requirements.

U.S. Standard Sieve Size	Percent by Weight Passing Minimum	Maximum
No. 4	100%	%
No. 8	95%	100%
N0. 16	70%	100%
No. 30	40%	75%
N0. 50	10%	35%
No. 100	2%	15%
No. 200	0%	10%

F. Material falling within the above Specifications, encountered during the excavation, shall be stored in segregated stockpiles for reuse. All material shall be tested and subject to approval by the Architect.

G. Sand: Sand for water and gas line pipe bedding shall be, clean masons sand.

PART 3 – EXECUTION

3.01 EXCAVATION

A. General:

1. Excavate all materials to the elevations, dimensions and form as shown on the Drawings and as specified for the construction of building structures, utility structures, utilities, site improvements and other structures necessary for the completion of the building, utilities and site work. All unsuitable materials within the indicated and specified limits shall be excavated and removed. Any quantities involving an extra or other adjustment of the Contract Price shall be subject to measurement verification and approval by the Architect prior to the excavation and removal of such materials. Unsuitable materials shall include the following:

   a. Regulated soils
   b. Pavements, utility structures, building foundations and other man made structures.
   c. Peat, organic silt and other organic materials subject to decomposition, consolidation or decay.
   d. Miscellaneous fill including sand, gravel, cinders, ash, glass, wood, metal and ledge.
   e. Ledge or boulders except as specified for fills herein.

2. **The Architect will provide the Contractor with an as-built drawing showing the extent of regulated soil remediation, location and inverts of all utilities pile locations and elevations installed in the Phase 1 & 2 Contracts.** The Contractor shall obtain, from the proper authorities, locations of all other utilities within the scope of this work so that there will be no damage done to such utilities. Neither the Owner nor the Architect will be responsible for any such damage, and the Contractor shall restore any structure or utility so damaged without additional compensation. Written notifications to the appropriate utility agencies shall be made at least ten (10) days prior to the commencement of any work.

3. Excess Material: Suitable excavated material, which is required for fill, and backfill shall be separately stockpiled as directed by the Architect. All surplus fill other than that required to complete the intent of the Contract shall become the property of the Contractor and shall be disposed of off the property by the General Contractor. All excavated materials, which, in the

opinion of the Architect, are not suitable for, fill or backfill shall be removed and disposed of off the property.

4. Any unsanitary conditions encountered, such as broken sewer mains or uncovered garbage, shall be corrected or removed entirely as directed by the Architect.

B. Excavation for Building Structures:

1. Refer to Structural and Mechanical Drawings and notes thereon which may affect work under this Section.

2. Excavation shall be performed to elevations and dimensions indicated or specified, plus sufficient space to permit erection of forms and shoring, drains, masonry and the inspection of foundations.

3. Bottoms of excavations shall be protected from frost. Foundations, footings or slabs shall not be placed on frozen ground. The Contractor shall shore and brace excavations, protect all slopes and earth banks and provide sheet piling necessary to prevent cave-ins. Shoring and piling shall be removed before backfiliing is completed but not unto permanent supports are in place. Excavation of earth and/or rock beyond indicated or authorized limits shall be refilled with select granular fill compacted to ninety-five (95) percent of the maximum dry density at optimum moisture content as specified herein or concrete as required by the Architect at no additional cost to the Owner.

4. The Contractor shall control the grading around the building so that the ground shall be pitched in order to prevent water from running into the excavated areas of the building or prevent damage to other structures. The Contractor shall furnish all pumping required to keep excavated areas clear of water during construction. Water shall not be conducted onto adjacent property.

5. Excavate to subgrade for concrete slabs, including utility trenches, and footings. Compact subgrade to ninety-five (95) percent of maximum dry density as determined by the Modified Proctor Compaction Test.

6. Make final excavations by hand or using smooth-bladed equipment to avoid disturbance and the formation of ridges, which would be left by a bucket with teeth.

7. Repair or replace geotextile soil separator and warning barrier as required.

8. Prevent water accumulation on bearing surfaces, to reduce the possibility of softening of the subgrade soils.

9. The subgrade soils must be examined in the field by the Architect.

10. The bearing surface should be cleared of all loose and disturbed soil before any footings are placed. Prior to placing forms or reinforcing steel, the cleared area beneath the footings should be compacted with at least four coverage's of a vibratory plate compactor weighing at least 200 pounds imparting at least 5,000 pounds dynamic force.

C. Fill for Site Improvements:

1. Fill to the lines and grades shown on the Drawings and as specified to obtain the subgrades for the following items of work:

   a. Concrete slabs on grade - to twelve (12) inches below underside of slab.
   b. Bituminous concrete road and parking pavement - to twenty-four (24) inches below finished grades.
   c. Concrete paving - to twelve (12) inches below underside of paving.

d. Granite curb - to six (6) inches below and parallel to the underside of curb.
e. Seeded areas - to eighteen (18) inches below finished grade.
f. Shrub bed areas - to twenty-four (24) inches below finished grades.
g. Unspecified improvements - to bottom elevation of item plus ample working space on all sides.

D. Excavation for Utilities and Utility Structures:

1. Excavate to the lines and grades shown on the Drawings and as specified herein to obtain the subgrade for the following items of work:

a. Utility structures - to grades shown on the Drawings. Remove by excavating all unsuitable materials from under drainage structures and backfill with clean granular fill compacted in place to subgrades.
b. Excavation for structures and other accessories shall have twelve (12) inch minimum and twenty-four (24) inch maximum clearance on all sides.
c. All utility lines - to twelve (12) inches below bottom of utility lines or structures.
d. Trench for water pipe shall provide a minimum of five (5) feet of cover above top of pipe.
e. Unless otherwise shown, provide separate trenches for each utility. Lay all piping in open trenches except where tunneling is required. Excavation for structures and other accessories shall have twelve (12) inch minimum and twenty-four (24) inch maximum clearance on all sides.
f. Grade the bottom of trenches evenly to have a constant pitch in the direction of flow and to insure a uniform compacted thickness of selected material as called for.

2. Existing services and utilities encountered shall be immediately repaired, protected and maintained in use until relocation of same has been completed or be cut and capped where directed or be prepared for connections when so required.

3.03 PROTECTION SHORING AND DEWATERING

A. Protect open excavations with fencing, warning lights and other suitable safeguards.

B. Shore and brace excavations as required so as to maintain them secure and provide sheet piling to prevent cave-ins. Under Phases 1&2 Regulated soils for have been mitigated by removing the regulated soils and replacing them with clean granular fill so as to provide clean corridors for all below grade improvements. Remove shoring and piling before backfilling is completed and as specified herein.

C. Frost Protection: Make no excavations to the full depth indicated when freezing temperature may be expected unless the footing or slabs can be poured immediately after the excavation has been completed. Protect the bottoms as excavated from frost, if placing of concrete is delayed, with straw, tarpaulins or temporary heat until footings or slabs are poured and backfill is placed.

D. Provide all pumps and pumping facilities, including a well point system as necessary with attendants, to keep all excavations free from water from whatever source at all times, when work is in progress or when necessary for protection and integrity of the work in place. Trenches shall be kept water-free during jointing and for sufficient time thereafter to allow the jointing material to become fully set and completely resistant to water penetration.

E. Maintain ground water in the bearing soil strata at a safe level at all times by methods, which prevent loss of fines or other disturbances to these strata. If the methods employed have not been adequate and the bearing value of the soil has been reduced, remove disturbed soil as directed and replace with compacted graded gravel or concrete at no expense to the Owner.

F. Any ditching required to keep the site free from water during construction is the responsibility of the Contractor and will be repaired, topsoiled and seeded before completion of work.

3.04 FILLS. BACKFILLS AND COMPACTION

A. Samples and Testing:

1. All fill material and its placement shall be subject to quality control testing. A qualified laboratory will be selected by the Owner to perform tests on materials. All costs of testing will be paid for by the Owner. Test results and laboratory recommendations shall be available to the Architect.

2. Provide samples of each fill material from the proposed source of supply including on-site sources. Allow sufficient time for testing and evaluation of results before material is needed. Submit samples from alternate source if required.

3. Architect will be sole and final judge of suitability of all material.

4. The laboratory will determine maximum dry density and optimum water content in accordance with ASTM D1557, Method D and the in-place density in accordance with ASTM D1556.

5. Tests of material as delivered may be made from time to time. Materials in question may not be used, pending test results. Tests of compacted materials will be made regularly. Remove rejected materials and replace with new, whether in stockpiles or in place.

6. Cooperate with laboratory in obtaining field samples of in-place materials after compaction. Furnish incidental field labor in connection with these tests.

B. Placing Fills and Compacting

1. Fill material shall be placed in horizontal layers not exceeding six (6) inches under the building and all pavements and nine (9) inch layers in lawn areas. Each layer shall be compacted to the percentage of maximum dry density specified for the particular type of fill and at a water content equal to optimum water content plus or minus two (2) percent. The maximum dry density and optimum water content shall be as specified herein.

2. Areas to be filled or backfilled shall be free of construction debris, refuse, compressible or decayable materials and standing water. Do not place fill when fill materials or layers below it are frozen. Proofroll excavated ground surfaces under the proposed building and paved areas using a vibratory drum compactor or other heavy equipment prior to placing specified base course material.

3. Notify the Architect when excavation is ready for inspection. Filling and backfilling shall not be started until conditions have been approved by the Architect.

4. Before backfilling against walls, the permanent structures must be completed and sufficiently aged to attain strength required to resist backfill pressures without damage. Temporary bracing will not be permitted except by written permission from the Architect. When filling on both sides of a wall or pier, place fill simultaneously on each side. Correct any damage to the structure caused by backfilling operations at no cost to the Owner

5. In confined areas adjacent to footings and foundation walls and in utility trenches beneath floor slab, the fill shall be compacted with hand operated vibration tampers. The maximum lift thickness shall be four (4) inches. The degree of compaction attained shall be equivalent to that attained in the adjacent open areas where heavy rolling equipment is used.

6. After the subgrade under concrete slabs and paved areas has been shaped to line, grade and cross-sections, it shall be rolled with an approved power roller weighing not less than six (6) tons until thoroughly compacted. This operation shall include any reshaping, refilling or wetting

required to obtain proper compaction. Any areas, which subsequently settle, shall be refilled to true subgrade and properly compacted.

7. In freezing weather, a layer of fill shall not be left in an uncompacted state at the close of a day's operations. Prior to terminating operations for the day, the final layer of fill, after compaction, shall be rolled with a smooth-wheeled roller to eliminate ridges of soil left by tractors, trucks and compaction equipment.

C. Placing Select Granular Fills

1. Select granular fills, as specified herein above, shall be provided as follows:

   a. As gravel base course under all pavements unless otherwise called for.
   b. As gravel under and/or around footings curbs as shown on the Drawings or specified unless otherwise called for.

2. Place gravel in six (6) inch maximum layers; fill and compact each layer to ninety-five (95) percent maximum dry density.

D. Placing Clean Granular Fills

1. Clean granular fill material as specified shall be placed under pavements and utilities up to subgrades as specified.

2. Fills shall be placed in layers of a maximum six (6) inch compacted thickness up to subgrade. Compaction shall be to ninety-five (95) percent of maximum dry density as specified.

E. Deficiency of Fill Materials:

1. Provide required additional fill materials as specified if a sufficient quantity of suitable materials is not available from the required excavation on the project site at no additional cost to the Owner. Where water content of the fill must be adjusted to meet this Specification, the fill shall be thoroughly disked to insure uniform distribution of any water added.

F. Fill and Backfill for Utilities:

1. Backfill trenches only after pipe has been inspected, tested and locations of pipes and appurtenances have been recorded. Each pipe section shall be laid on a twelve-(12) inch minimum bed of crushed stone as specified herein above. In addition the water line shall be set in a six-(6) inch bed of sand. Bed shall be shaped by means of hand shovels to give full and continuous support to the lower one-third (1/3) of each pipe. Backfill by hand around pipe, and for a depth of twelve (12) inches above pipe, use sand or crushed stone and tamp firmly in layers not exceeding six (6) inches in thickness. Take care not to disturb the pipe. Compact the remainder of the backfill thoroughly with a rammer of suitable weight or with an approved mechanical tamper to achieve compaction of ninety-five (95) percent as specified.

2. Trenches and utility structures shall be backfilled with greatest care; only the suitable materials taken from the excavation shall be used. Any additional fill materials required for backfilling to subgrades shall be graded fill or ordinary fill as specified. Backfill shall be compacted to ninety-five (95) percent as specified. No mud, frozen earth or stone more than six (6) inches in greatest diameter or other objectionable material shall be used for refilling. Any selected material required for filling, in addition to earth from trench excavation, shall be furnished and placed by the Contractor.

3.05 UTILITY SERVICES LINES

A. Electrical, telephone, cable TV and gas services shall be as specified under other Sections. The excavating, trenching and backfilling for these utilities and other pertinent structures shall be done under this Section.

B. Trenches for utility lines shall be excavated of all peat, silt and other materials, which the Architect deems not stable and backfilled as called for in paragraph 3.04, H to form a stable foundation for laying the utility lines.

3.06 SUBGRADE PREPARATION

A. Bring all areas to required subgrade levels as specified and as determined from the Drawings.

B. Maintain all subgrades for site improvements in satisfactory condition, protected against traffic and properly drained, until the surface improvement is placed. In areas to receive pavement or other surface materials, at top and bottom of embankments, along swales and elsewhere, place sufficient grade stakes to facilitate checking the subgrade levels. Correct all irregularities, compacting thoroughly any fill materials.

C. Check all manhole covers, grates, valve boxes and similar structures for correct elevation and position and make, or have made, any necessary adjustments in such structures.

D. All subgrades must be inspected and approved by the Architect before paving, loaming or other site improvements are made.

3.07 WARNING TAPE OVER BURIED GAS. ELECTRIC. CABLE TV. TELEPHONE

A. Provide and install plastic warning tape over all buried gas, electric and water lines as specified.

B. Warning tape shall be installed according to Manufacturer's recommendations and a minimum of twelve (12) inches below finished grades.

3.08 DUST CONTROL

A. The Contractor shall employ all possible methods and/or materials to prevent the spread of dust. Chemical materials may not be used on subgrades of areas to be seeded or planted.

3.09 CLEAN UP

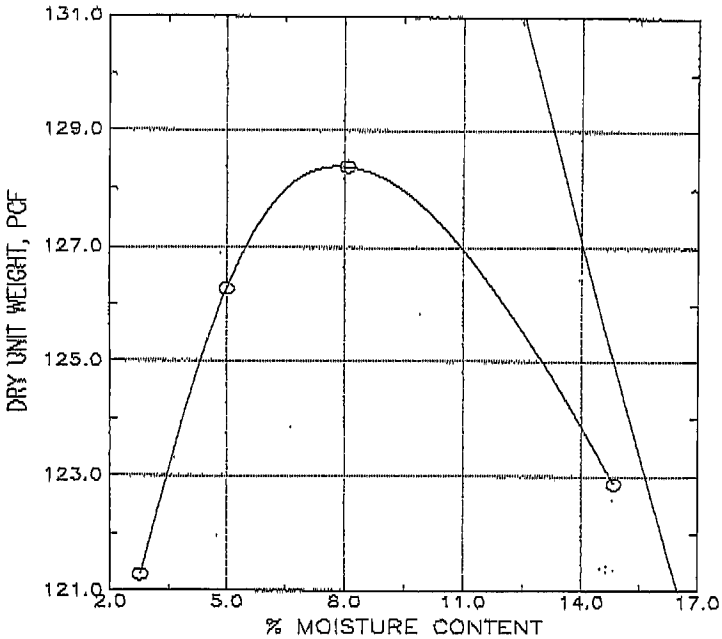
A. The Contractor shall remove all debris, construction equipment and scrap material from all areas within the limit of work prior to inspection for acceptance.

END OF SECTION

MILLER ENGINEERING & TESTING, INC.	Boring No. : N/A Sample No.: L040503 Tested by : DM/BM Filename : L040503	Project: KEITH MIDDLE SCHOOL Project No. : 04.169.NH Location: MIX STOCKPILE # 2 Date : Tue Jun 22 2004

PROCTOR–GRADATION TEST RESULTS

COMPACTION



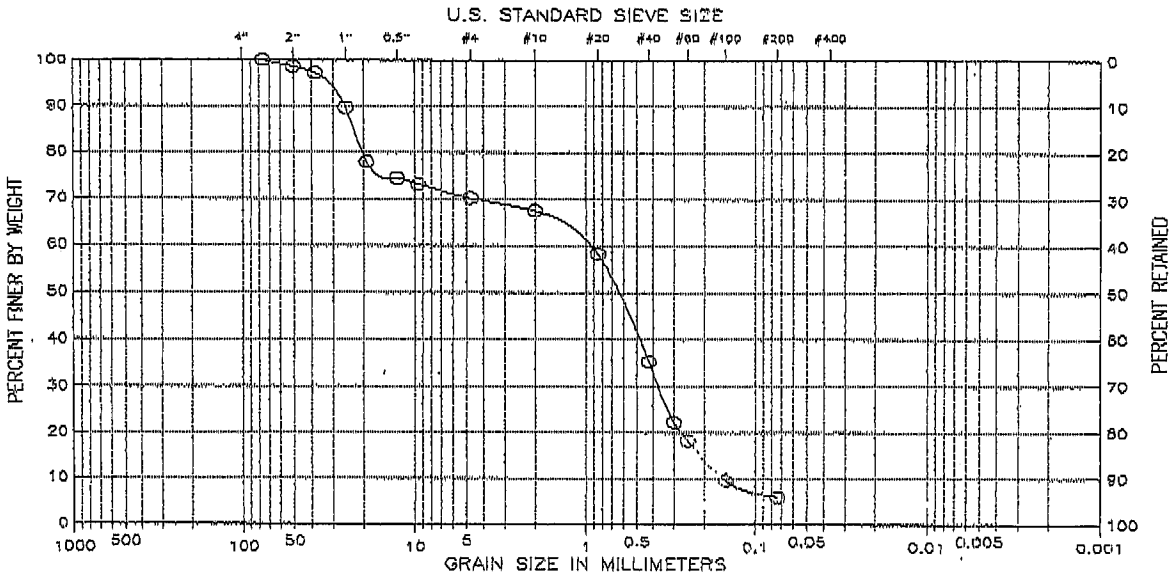
Sample Description :
MIX STOCKPILE # 2

Compaction Test Designation : ASTM D1557–D

Maximum Dry Density : 128.4 PCF

Optimum Moisture Content : 7.9 %

GRAIN SIZE DISTRIBUTION



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

UNIFIED SOIL CLASSIFICATION SYSTEM

Figure 1

CLEAN GRANULAR FILL

Fri Jun 18 10:33:42 2004

GEOTECHNICAL LABORATORY TEST DATA

Project : KEITH MIDDLE SCHOOL
Project No. : 04.169.NH
Boring No. : N/A
Sample No. : L040503
Location : MIX STOCKPILE # 2
Soil Description : MIX STOCKPILE # 2
Remarks : ASAP

Depth : N/A
Test Date : 6-18-04
Test Method : ASTM

Filename : L040503
Elevation : N/A
Tested by : DM/BM
Checked by : BC

COARSE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (lb)	Cumulative Weight Retained (lb)	Percent Finer (%)
6"					100
3"	3.000	76.20	11.10	11.10	100
2"	2.000	50.80	11.80	11.80	99
1.5"	1.500	38.10	11.80	12.50	97
1"	1.000	25.40	14.90	16.30	90
0.75"	0.752	19.10	17.10	22.30	78
0.5"	0.500	12.70	12.60	24.00	75
0.375"	0.375	9.52	11.80	24.70	73
#4	0.187	4.75	12.60	26.20	70

Total Weight of Sample = 61.7
Tare Weight = 11.1

100

50 - 85

40 - 25

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	13.30	13.30	68
#20	0.033	0.85	47.60	60.90	58
#40	0.017	0.43	116.60	177.50	35
#50	0.012	0.30	65.50	243.00	22
#60	0.010	0.25	20.30	263.30	18
#100	0.006	0.15	44.00	307.30	10
#200	0.003	0.07	18.50	325.80	6
Pan			30.30	356.10	0

Total Weight of Sample = 356.1
Tare Weight = 0
Moisture Content = 0

8 - 28

0 - 8

D85 : 22.6736 mm
D60 : 1.0054 mm
D50 : 0.6645 mm
D30 : 0.3695 mm
D15 : 0.2060 mm
D10 : 0.1534 mm

Soil Classification

ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-1-b(0)
AASHTO Group Name : Stone Fragments, Gravel and Sand

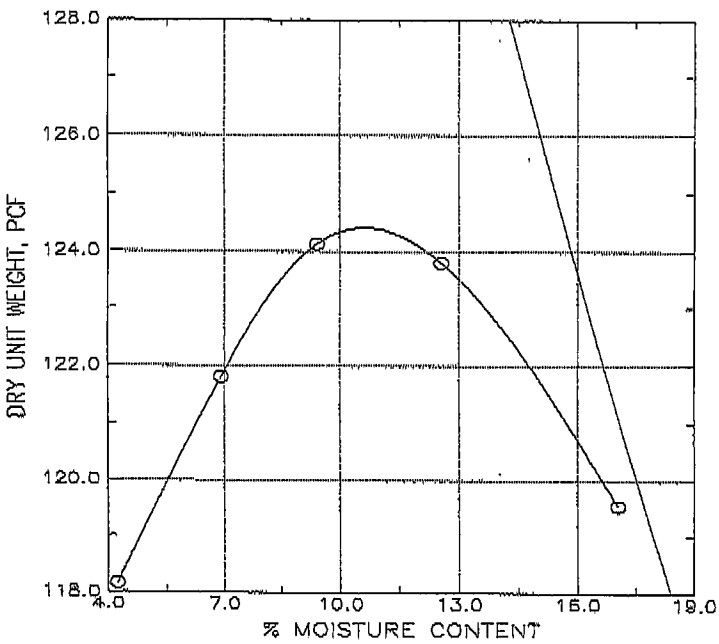
MILLER ENGINEERING & TESTING, INC.

Boring No. : N/A
Sample No: L040418B
Tested by : DM/BM
Filename : L040418B

Project: KEITH MIDDLE SCHOOL
Project No. : 04.169.NH
Location: KINGSTON PIT MIX 4 TO 1 WITH 3/4 INCH STONE
Date : Wed Jun 02 2004

PROCTOR–GRADATION TEST RESULTS

COMPACTION



Sample Description :
GRADED FILL

Compaction Test Designation : ASTM D1557–C

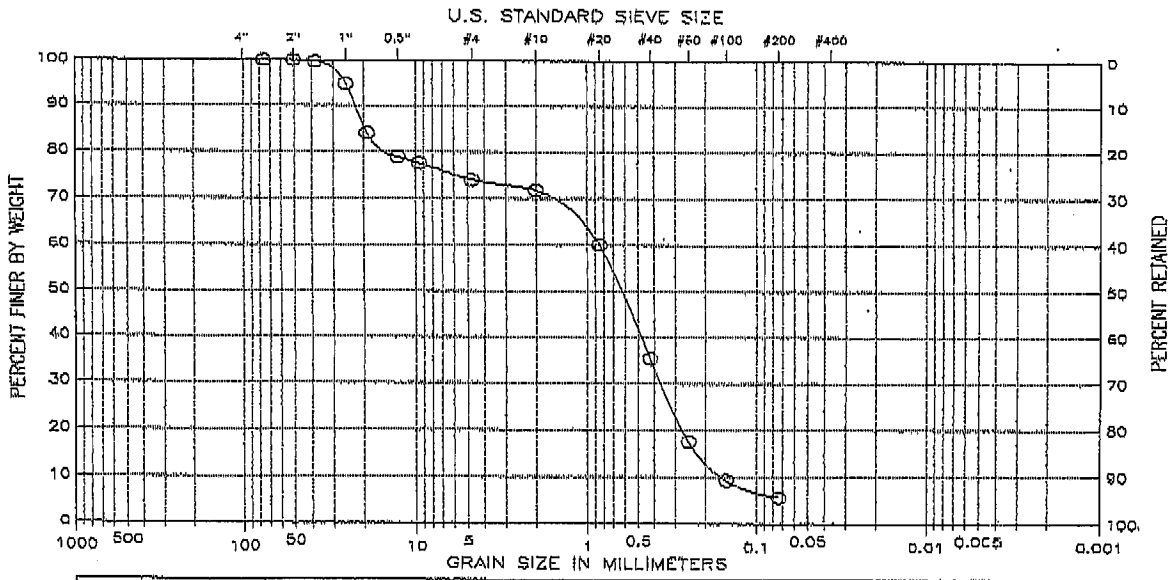
Maximum Dry Density : 124.4 PCF

Optimum Moisture Content : 10.6 %

CORRECTED MAXIMUM DRY DENSITY: 129.2 PCF

CORRECTED OPTIMUM MOISTURE CONTENT: 8.9 %

GRAIN SIZE DISTRIBUTION



UNIFIED SOIL CLASSIFICATION SYSTEM

Figure 1

Select Granular Fill

Tue Jun 01 08:37:20 2004

GEOTECHNICAL LABORATORY TEST DATA

Project : KEITH MIDDLE SCHOOL
Project No. : 04.169.NH
Boring No. : N/A
Sample No. : L040418B
Location : KINGSTON PIT MIX 4 TO 1 WITH 3/4 INCH STONE
Soil Description : GRADED FILL
Remarks : ASAP

Depth : N/A
Test Date : 6-1-04
Test Method : ASTM

Filename : L040418B
Elevation : N/A
Tested by : DM/BM
Checked by : BC

COARSE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (lb)	Cumulative Weight Retained (lb)	Percent Finer (%)	
6"					100	100
3"	3.000	76.20	11.90	11.90	100	
2"	2.000	50.80	11.90	11.90	100	
1.5"	1.500	38.10	12.10	12.10	100	
1"	1.000	25.40	15.40	15.60	95	
0.75"	0.752	19.10	19.90	23.20	84	
0.5"	0.500	12.70	15.90	26.80	79	50 - 85
0.375"	0.375	9.52	12.90	27.80	77	
#4	0.187	4.75	14.40	30.30	74	40 - 75

Total Weight of Sample = 82.5
Tare Weight = 11.9

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)	
#10	0.079	2.00	10.10	10.10	72	
#20	0.033	0.85	54.80	64.90	60	
#40	0.017	0.43	115.20	180.10	35	21 8 - 28
#60	0.010	0.25	82.50	262.60	18	
#100	0.006	0.15	38.90	301.50	9	
#200	0.003	0.07	16.80	318.30	6	
Pan			26.00	344.30	0	0 - 8

Total Weight of Sample = 344.3
Tare Weight = 0
Moisture Content = 0

D85 : 19.6195 mm
D60 : 0.8500 mm
D50 : 0.6423 mm
D30 : 0.3630 mm
D15 : 0.2140 mm
D10 : 0.1576 mm

Soil Classification

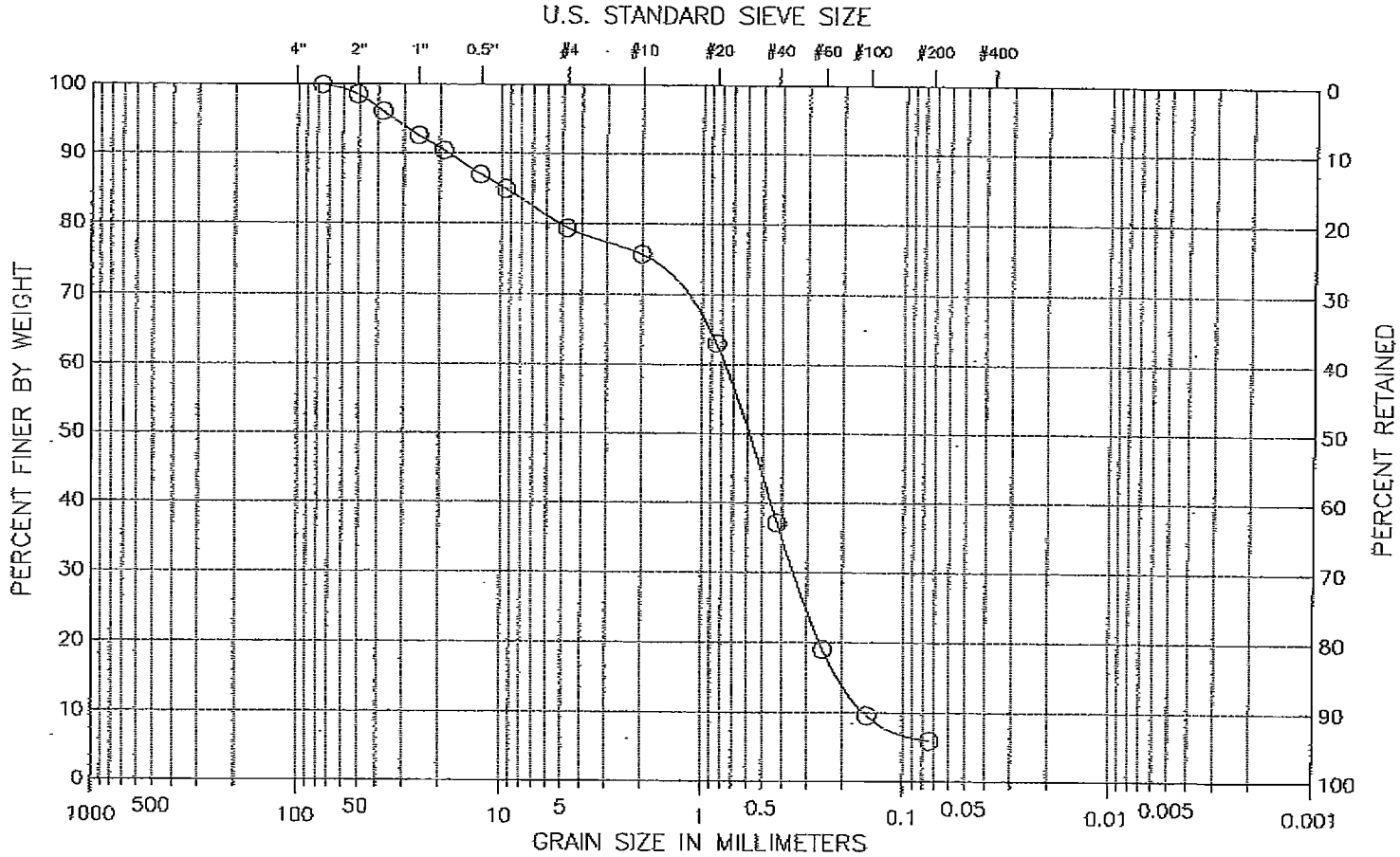
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-1-b(0)
AASHTO Group Name : Stone Fragments, Gravel and Sand

GRAIN SIZE DISTRIBUTION – AGGREGATE GRADING

MILLER ENGINEERING & TESTING, INC.

Boring No. : N/A
Sample No.: L040418A
Tested by : DM/BM
Filename : L040418A

Project : KEITH MIDDLE SCHOOL
Project No.: 04.169.NH
Location: KINGSTON PIT SAMPLED FROM ON SITE STOCKPILE
Date : Tue Jun 01 2004



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
()
Visual Description :
GRADED FILL

Remarks :
ASAP

Figure 1

Attachment G

Phase II Specification
02900 - Lawns

SECTION 02900

LAWNS

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Bidding requirements, Contract Forms, General and Supplementary Conditions and Division I, General Requirements are hereby made a part of this Section.

1.02 DESCRIPTION OF WORK

A. The scope of work consists of all materials, equipment, labor and services required for all Lawns and Planting work, including all items incidental thereto, as specified herein and as shown on the Drawings.

1.03 RELATED WORK SPECIFIED ELSEWHERE

A. Carefully examine all of the Contract Documents for requirements that affect the work of this section.

B. Other specification sections that directly relate to the work of this section include, but are not limited to the following:

1. Section 02010 - Subsurface Investigation
2. Section 02100 - Site Preparation
3. Section 02200 - Earthwork
4. Section 02285 - Site Assessment, Stockpiling and Disposal of Excavated Soil
5. Section 02500 - Paving and Surfacing
6. Section 02700 - Site Utilities

1.04 REFERENCE SPECIFICATIONS

A. ASTM. - American Society for Testing and Materials.

B. AASHTO. - American Association of State Highway and Transportation Officials.

C. SSHB. - Standard Specifications for Highways and Bridges, the Commonwealth of Massachusetts, Department of Public Works, latest edition.

D. AOAC - Association of Official Agriculture Chemists

1.05 QUALITY ASSURANCE

A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.

1.06 SUBMITTALS

A. Comply with pertinent provisions of Section 01340.

B. Test Reports - Submit the following reports:

1. Loam analysis (furnished from off-site sources)
   a. Mechanical gradation (textural or sieve analysis) as per USDA Soil Classification System
   b. Organic Matter Content

c. pH
d. Soluble Salts, Nitrogen (including Nitrate Nitrogen, Ammonium Nitrogen), Phosphorous, Potassium, Sulfate, Calcium, Magnesium, Aluminum, and Ferric Iron concentrations
e. Heavy metal concentrations including Boron, Cadmium, Zinc, Chromium, Copper, Lead, Manganese, and Nickel

2. Seed analysis
   a. Name and address of Supplier
   b. Source of origin and dates of harvest for each type of seed
   c. Seed mix composition and proportion, indicating named varieties by percent, percent germination, purity, and percent crop seed, percent inert matter, and percent weed seed content
   d. Estimated number of seeds per pound of each type of seed in the mix

3. Fertilizer, lime and superphosphate amendment analyses

C. Samples - submit the following samples:

1. Loam (from off-site sources)

2. Organic Material Amendments (as required) – Compost, Peat Moss, Humus

D. Maintenance Schedule

1.07 PREPARATION AND INSPECTION OF AREAS TO BE SEEDED

A. All areas to be seeded shall be inspected by the Contractor before starting work. Any defects, such as incorrect grading, etc., shall be reported to the Architect prior to beginning this work. The commencement of work by the Contractor shall indicate acceptance of the areas to be seeded, and he shall assume full responsibility for the work of this Section.

1.08 SAMPLES, TESTS AND INSPECTIONS

A. Samples of all loam to be used shall be submitted to the Architect for approval and to determine whether or not it meets the requirements specified. At the time of submission, the Contractor will take representative soil samples of the loam, and tests shall be made by a State or commercial soil testing laboratory using methods approved by the Association of Official Agricultural Chemists (AOAC) or the State Agricultural Experiment Station. The Contractor shall select the testing laboratory with the approval of the Owner and bear all costs for soil testing. No loam may be installed until specific approval of samples has been given by the Architect.

B. Seed Analysis - Prior to the time of sowing the seed mixture, certification shall be submitted to the Architect for approval from the supplier certifying that the seed was obtained for this Contract and stating the formula of the mixture.

1.09 GUARANTEE AND CERTIFICATION OF ACCEPTABILITY

A. Guarantee – Seeded areas shall be guaranteed by the Contractor until Certification of Acceptability is given by the Architect and shall be alive and in satisfactory growth at the end of the guarantee period except for damage resulting from causes beyond the responsibility of the Contractor.

B. Certification of Acceptability

1. Inspection to determine completion of the work under this section will be made at the conclusion of the maintenance period upon written notice requesting such inspection submitted by the Contractor at least five (5) days prior to the anticipated date. The condition of landscaping will be

noted and determination made by the Architect whether maintenance shall continue in any part.

2. After inspection by the Architect, the Contractor will be notified in writing by the Architect of acceptability of all work of this Section or if there are any deficiencies of the requirements for completion of the work. Maintenance or other work remaining to be done shall be subject to re-inspection before being certified acceptable.

1.10 CLEAN UP

A. Any soil or similar material which has been brought onto paved areas by hauling operations or otherwise shall be removed promptly, keeping these areas clean at all times.

B. Upon completion of work under this Section, all excess stones, debris and soil resulting from work under this Section which have not previously been cleaned up shall be cleaned up and removed from the project site.

PART 2 - PRODUCTS

2.01 LOAM AND ADMIXTURES

A. Loam to be furnished.

1. The Contractor shall furnish and place loam in accordance with the Drawings and Specifications and as directed by the Architect.

2. Material shall consist of fertile friable natural loam topsoil, free from subsoil, obtained from naturally well-drained areas that have never been stripped. It shall be removed to a depth of one (1) foot or less if subsoil is encountered. Loam shall be of uniform quality, free from hard clods, stiff clay, hardpan, sods, partially disintegrated stone, lime, cement, ashes, slag, concrete, tar residues, tarred paper, boards, chips, sticks or any other undesirable material.

3. Loam shall contain between 5.5 and 7.5 per cent organic matter determined by loss on ignition of moisture-free sample dried in accordance with the current method of the Association of Official Agricultural Chemists. The acidity range shall be pH 5.0 to pH 7.0 inclusive, adjusted for plants which require low soil pH. The mechanical analysis of the soil shall be as follows:

Passing	Retained On	Percentage
1” screen	--	100%
1" screen	sieve (sand)	49% - 60%
#100 U.S.S. mesh sieve	(very fine sand, silt and clay)	40% - 60%

4. The Contractor shall furnish representative samples of all the loam proposed for use to the Architect for approval. The Contract Price shall include inspection and laboratory charges. No loam shall be delivered to the site prior to the approval of samples by the Architect, but such approval shall not constitute the final acceptance. The Architect reserves the right to reject on or after delivery any material that does not, in his opinion, meet these Specifications.

5. The Architect reserves the right to reject loam in which more than sixty (60) per cent of the material passing No. One Hundred (100) U.S.S. mesh sieve consists of clay as determined by the Bouyoucus Hydrometer or by the Decantation Method. All percentages are to be based on dry weight of sample. If the Architect directs, loam that varies only slightly from the Specifications may be made acceptable by such corrections as the Architect deems necessary.

B. LIME, FERTILIZER AND RELATED SOIL AMENDMENTS

1. Lime shall be an approved agricultural limestone, uniform in compostion, containing at least fifty (50) percent total oxides (calcium oxide and magnesium oxide). The material will be ground to such fineness that fifty (50) per cent will pass through a one-hundred (100) mesh sieve and ninety (90) per cent will pass through a twenty (20) mesh sieve. Coarser material shall be acceptable provided specific rates of application are increased proportionately on the basis of quantities passing the one-hundred (100) mesh sieve.

2. Superphosphate shall contain twenty (20) percent available phosphoric acid.

3. Fertilizer shall be a complete, standard commercial fertilizer and shall conform to the applicable state fertilizer laws. It shall be uniform in composition, dry and free flowing and shall be delivered to the site in the original, unopened containers, each bearing the manufacturer's guaranteed analysis. Any fertilizer which becomes caked or otherwise damaged, making it unsuitable for use, will not be accepted. At least fifty (50) per cent by weight of the nitrogen contents of the fertilizer shall be Urea-form or derived from organic materials and contain no less than three (3) percent water soluble Nitrogen.

6. Water used in this work shall be furnished by the Contractor and will be suitable for irrigation and free from ingredients harmful to plant life. Hose and other watering equipment required for the work shall be furnished by the Contractor.

7. Manure shall be well-rotted, unleached stable manure not less than eight (8) months old and not more than two (2) years old. It shall be free from sawdust, shavings or refuse of any kind and shall not contain over twenty-five (25) per cent of straw. Furnish information to the Architect as to the kind of disinfectant or chemicals, if any, that may have been used in storage of, or otherwise in connection with, the manure. No manure may be used until found satisfactory after sampling and testing. A composition of peat humus or peat moss to which has been incorporated dehydrated manure, such as Bovung or Spurzon in the proportion of one hundred (100) pounds of dehydrated manure per cubic yard or peat, may be substituted for manure as specified above.

8. Humus shall be ground or shredded native peat one hundred (100) per cent organic that will have been stockpiled for at least one (1) year prior to its use. Sample shall be submitted to the Architect for approval prior to installation.

2.02 SEED

A. Seed mixture shall be fresh, clean, new crop seed. Seed may be mixed by an approved method on the site or may be mixed by the dealer. If the seed is mixed on the site, each variety shall be delivered in the original containers that shall bear the dealer's guaranteed statement of the composition of the mixture and the percentage of purity of each variety.

B. Seed shall be composed of the following varieties that shall be mixed in the proportions and shall test to minimum percentages and germination specified:

1. Slope Seed Mix

Common Name	Proportion By Weight
Clemfine Tall Fescue	55%
Nassan Kentucky Bluegrass	20%
Palmer Perennial Ryegrass	10%
Alsihi Clover	5%
Streaker Redtop	5%
Poa trivialis	5%

2. Lawn Seed Mix

Botanical Name	Common Name	Proportion By Weight	%P	%G
Festuca rubra commutata	Chewings Fescue	30%	98	85
Poa pratensis 'Merion'	Merion Bluegrass	15%	87	85
Lolium perenne 'Manhattan'	Manhattan Perennial Ryegrass	15%	93	90
Agrostis tenuis	Highland Colonial Bentgrass	10%	98	90
Festuca rubra 'Pennlawn'	Pennlawn Creeping red fescue	30%	98	90

Application rate shall be five pounds (5#) per 1,000 square foot or 220#/acre. Seed shall be planted between April 1st and May 31st or August 16 and October 15th.

PART 3 - EXECUTION

3.01 WORKMANSHIP

A. Personnel - Seeding and planting shall be performed by personnel familiar with these operations and under the supervision of a qualified experienced foreman:

3.02 SEEDING OF LAWN AREAS

A. Time of Seeding - The Landscape Contractor shall be notified in writing by the General Contractor when other sections of the work have progressed sufficiently to commence work including placing of loam to the finished grade. Thereafter, seeding operations shall be conducted under favorable weather conditions during the next season or seasons that are normal for such work as determined by accepted practice in the locality of the project. At the option and on the full responsibility of the Contractor, seeding operations may be conducted under unseasonable conditions without additional compensation.

C. Preparation of Subgrade - The subsoil shall be graded and uniformly compacted so that it will be a true, smooth slope parallel and six (6) inches below the finished grade and free of all large stones and debris.

1. Prior to spreading of loam, the subgrade shall be loosened and mixed to a depth of four (4) inches. All stones over two (2) inches in size, all sticks and rubbish shall be removed. No heavy objects except lawn rollers shall be moved over the lawn areas after the subgrade soil has been prepared unless the subgrade soil is again graded as specified above, before topsoil is spread.

2. There must be sufficient grade stakes, as determined by the Architect, to insure correct line and grade.

D. Finish Grading - After the subgrade soil has been prepared, loam shall be spread evenly there with lazer grading equipment and lightly compacted. After the loam has been spread, it shall be carefully prepared by scarifying or harrowing and hand raking. All large stiff clods, lumps, brush, roots, stumps, litter, other foreign material and stones over one (1) inch in diameter shall be removed from the aforesaid loam and disposed of by the Contractor. The areas shall also be free of smaller stones in excessive quantities as determined by the Architect. The whole surface shall then be rolled with a hand roller weighing not more than one hundred (100) pounds per foot of width. During the rolling all depressions caused by settlement of rolling shall be filled with additional loam, and the surface shall be regraded and rolled until presenting a smooth and even finish and is up to the required grade, giving a total depth of six (6) inches of compacted loam.

Allowance for settlement shall be made.

E. Applying Superphosphate - Superphosphate shall be applied in accordance with the soil testing laboratory recommendations, or as directed by the Architect. It shall be thoroughly worked into the surface.

F. Applying Fertilizer - The commercial fertilizer shall be uniformly applied in two (2) applications in accordance with the soil testing laboratory recommendations, or as directed by the Architect. The first application shall be applied within one (1) week before seeding and harrowed into the top two (2) inches of the loam. The second application shall be applied and thoroughly watered in immediately after the first cutting of the grass at the rate of fifteen (15) pounds per one thousand (1,000) square feet. Fertilizer shall not be applied between June 15 and August 31, unless otherwise directed by the Architect.

G. Liming - Supply and spread lime in areas to be seeded in accordance with the soil test laboratory recommendations, or as directed by the Architect, at a maximum rate of one hundred (100) pounds per one thousand (1,000) square feet.

H. Seeding shall consist of soil preparation, seeding, raking, rolling, weeding, watering, soil stabilization and otherwise providing all labor and materials necessary to secure the establishment of acceptable turf.

I. Moistening the Soil - During periods of higher than optimal temperature for species being specified and after all uneveness in the soil surface has been corrected, the soil shall be lightly moistened immediately prior to seeding.

J. Sowing of Seed - Immediately before any seed is to be sown, the topsoil shall be scarified as necessary and shall be raked until the surface is smooth, friable and of uniformly fine texture. Lawn areas shall be seeded evenly with a mechanical spreader at the rate of five (5) pounds per one thousand (1,000) square feet of area, lighting raked, rolled with a two hundred (200) pound roller and watered with a fine spray. The method of seeding may be varied at the discretion of the Contractor on his responsibility to establish smooth, uniformly grassed lawn areas; however, the spray method or hydraulic seeding is not recommended. Take necessary precautions to keep the area undisturbed until the grass comes up. Between May 15 and August 15, the Contractor may sow Lolium perenne (perennial rye grass, ninety- eight (98) percent purity, ninety (90) percent germination) at the rate of one (1) pound per one thousand (1,000) square feet of area. This shall be a separate sowing executed after the sowing of the regular mixture and before the raking, rolling and watering operations.

K. All areas not otherwise developed within the limit of work shall be seeded with seed mixture at a rate of five (5) pounds of the seed mixture per one thousand (1,000) square feet of area.

L. Seed bed preparation, including lime but excluding the Superphosphate and fertilizer, shall conform to the requirements of the lawn areas.

3.03 MAINTENANCE AND REPLACEMENT

A. Maintenance shall begin immediately after each portion of area is seeded and shall continue in accordance with the following requirements:

B. The Contractor shall be held responsible for maintenance of seeded areas, including watering, weeding, and cutting for at least sixty (60) days after seeding and as much longer as is necessary to establish a uniform stand of the specified grasses and until Certification of Acceptability. No bare spots will be allowed. After the grass has been seeded, all areas and parts of areas which fail to show a uniform stand of grass, for any reason whatsoever, shall be reseeded repeatedly until all areas are covered with a satisfactory growth of grass. At the time of cutting, keep mower blades not less than two and one-half (2-1/2) inches high. Mowing intervals shall be spaced so that not more than one (1) inch of leaf blade is removed at any one time. The maintenance period shall continue after seeding

and until the seeded areas are certified acceptable by the Architect, which certification shall not be earlier than the date of substantial completion of the entire work of this Contract or as otherwise indicated on the Drawings and as specified herein.

C. Prior to Certification of Acceptability by the Architect, damage resulting from erosion, gulleys, washouts or other causes shall be repaired by filling with topsoil, tamping, re-fertilizing and seeding by the Contractor at his own expense.

G. The Contractor's responsibility for maintenance shall cease at the time of Certification of Acceptability by the Architect.

END OF SECTION

Attachment H

Storm Water Pollution
Prevention Plan

KEITH MIDDLE SCHOOL

Storm Water Pollution Prevention Plan

225 Hathaway Boulevard
New Bedford, Massachusetts

September 2004

Prepared for:
New Bedford Public Schools
455 County Road
New Bedford, MA 02740-5194

Prepared by: Eric A. Olson

BETA Group, Inc.
Engineers • Scientists • Planners
315 Norwood Park South, Norwood, MA 02062 781.255.1982 fax: 781.255.1974
6 Blackstone Valley Place, Lincoln, RI 02865 401.333.2382 fax: 401.333.9225
88D Howard Street, New London, CT 06329 860.437.0239
email: BETA@BETA-eng.com

Storm Water Pollution Prevention Plan

225 Hathaway Boulevard
New Bedford, MA

Prepared for:

New Bedford Public Schools
455 County Road
New Bedford, MA 02740-5194

Prepared by:

BETA Group, Inc.
315 Norwood Park South
Norwood, MA 02062

Scientist: Eric A. Olson

Associate: Alan D. Hanscom, P.E., LSP

September 15, 2004

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ATTACHMENTS

Attachment A: **Inspection Forms** – *1) Site Stabilization Measures, 2) Erosion Controls, 3) Stabilized Construction Entrance*

Attachment B: **Date Log Sheet of Major Activities**

Attachment C: **Intended Sequence of Site Activity**

Attachment D: **NPDES General Permit for Storm Water Discharges From Construction Activities**

Attachment E: **Notice of Intent, NOI Shipment Receipt, Copy of Receipt Letter from the EPA**

Attachment F: **Maps** – *1) New Bedford North Quadrangle – Priority Habitats of Rare Species, 2) NewBedford North Quadrangle – Estimated Habitats of rare Wildlife and Certified Vernal Pools, 3) Locus Map – Large Scale, 4) Locus Map – Small Scale*

Attachment G: **Site and Construction Plans**

KEITH MIDDLE SCHOOL
CONSTRUCTION POLLUTION PREVENTION PLAN

SITE DESCRIPTION			
Project Name and Location; (Latitude, Longitude, or Address	Keith Middle School 225 Hathaway Blvd. New Bedford, MA 02740	Owner Name and Address:	New Bedford Public Schools 455 County Road New Bedford, MA 02740-5194
Project Description: (Purpose and Types of Soil Disturbing Activities)	Phase II of this project will consist of earthwork for site remediation, preparation for site utilities and pile driving. Phase III will consist of site development and building construction.		
Soil disturbing activities will include: Phase II - Stripping topsoil, removal and replacement of fill layer and regulated soils with clean granular fill (to a depth of 3 feet below proposed finished grade in lawn and landscape areas and 4 feet below proposed finished grade under all paved areas), installation of miscellaneous bases, concrete filled steel bollards, underground utilities including water, sewer and drainage systems, and steel piles for building support. Phase III – Construction of new Middle School building, installation of underground electric and gas services and light poles, paving of drives, parking areas and walkways, construction of permanent fencing, and installation of loam, lawns, planting and irrigation.			
Site Area:	The site is approximately 8.65 acres.		
Sequence of Major Activities			
The order of activities will be as follows: See Attachment C.			
Name of Receiving Waters:	The entire site drains to the adjacent Unnamed Wetland and eventually flows into the Appongansett Swamp, which is approximately one mile NW of the site (see Attachment G).		

CONTROLS

Erosion and Sediment Controls are already in place.

Stabilization Practices

Temporary Stabilization - Topsoil stockpiles and disturbed portions of the site where construction activity temporarily ceases for at least 21 days will be stabilized with temporary seed and mulch no later than 14 days from the last construction activity in that area. The temporary seed shall be Rye (grain) applied at the rate of 50 pounds per 1000 sq. ft. After seeding, each area shall be mulched with straw.

Permanent Stabilization - Disturbed portions of the site where construction activities permanently cease shall be stabilized with permanent seed no later than 14 days after the last construction activity. The permanent seed mix shall be as specified in the construction documents or as directed by the Conservation Commission.

Material stockpiles will be encompassed by plastic poly sheeting to contain any sediment from washing away from the area.

All work will be completed in accordance with the Conservation Commission's Order of Conditions DEP file No. SE49-461

Storm Water Management

Storm water drainage will be provided by closed drainage system consisting of catch basins, manholes and two detention basins for the developed areas. The areas which are not developed will have permanent seeding or plantings.

The new drainage system was designed in accordance with the DEP Stormwater Management Policy that requires a minimum treatment efficiency of 80% removal for TSS.

OTHER CONTROLS

Waste Disposal:

Waste Materials
All waste materials will be collected and stored in a metal dumpster rented from the ABC Disposal, which is a licensed solid waste management company in New Bedford, MA. The dumpster wilt meet all local Town and any State solid waste management regulations. All trash and construction debris from the site will be deposited in the dumpster. The dumpster will be emptied as needed, and the trash will be hauled off site. No construction waste materials will be buried onsite. All personnel will be instructed regarding the correct procedure for waste disposal. Notices stating these practices will be posted in the office trailer and Mr. Adams, the individual who manages the day-to-day site operations, will be responsible for seeing that these procedures are followed.

Hazardous Waste
All hazardous waste materials will be disposed of in the manner specified by local or State regulation or by the manufacturer. Site personnel will be instructed in these practices and Mr. Michael Adams of Wes Construction, the site health and safety officer and the individual who manages day-to-day site operations, will be responsible for seeing that these practices are followed.

Sanitary Waste
All sanitary waste will be collected from the portable units a minimum of once a week by the Bay-state Portable Restroom, a licensed sanitary waste management contractor, as required by local regulation.

Offsite Vehicle Tracking:

A stabilized construction entrance has been provided to help reduce vehicle tracking of sediments. The paved street adjacent to the site entrance will be swept daily to remove any excess mud, dirt or rock tracked from the site. Dump trucks hauling material from the construction site will be lined with waterproof plastic poly sheeting, covered with a tarpaulin and washed down before leaving the site. Additionally, weekly inspections of the stabilized construction entrance and road will be performed and logged (see Attachment A).

The road at the construction entrance is at a lower elevation than the site. During Phase I activities, seepage of vehicle wash-water onto the road occurred where the driveway meets the road. The wash-water found a conduit by moving laterally through the topsoil towards the road. A four foot deep trench was installed across the entrance to the driveway and filled with crushed stone to prevent future lateral movement of wash-water onto the road by enabling it to drain downwards into the ground. Since the installation of the trench, no seepage has occurred.

TIMING OF CONTROLS/MEASURES

As indicated in Attachment C - Intended Sequence of Site Activities, as part of Phase I activities, the hay bales and erosion control fence and stabilized construction entrance have already been constructed. Also, the perimeter slopes along the wetland boundary have been graded and stabilized with permanent seed and grass. Additionally, as part of Phase II activities, hay bails and erosion control fence will be constructed the remaining perimeter of the site.

Areas where construction activity temporarily ceases for more than 21 days will be stabilized with temporary seed and mulch within 14 days of the last disturbance. Once construction activity ceases permanently the area will be stabilized with permanent seed.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS

The City of New Bedford currently has no wetland bylaws for storm water management erosion and sediment control and is guided by the State regulations. The storm water pollution prevention plan reflects the State wetland regulations as stated in the Wetlands Protection Act 310 CMR 10.00. To ensure compliance, this plan was prepared in accordance with the Storm Water Management For Construction Activities, published by the United States Environmental Protection Agency. There are no other applicable State or Federal requirements for sediment and erosion site plans (or permits), or storm water management site plans (or permits).

MAINTENANCE/INSPECTION PROCEDURES

Erosion and Sediment Control Inspection and Maintenance Practices

Erosion and sediment controls have been installed along the portions of the perimeter of the site that border the wetlands. The slope has been graded, stabilized and seeded. Grass has taken and is helping to stabilize the slope and prevent erosion during storm events. The entire rest of the site is relatively level. Historically, during Phase I activities, runoff from stormwater events in these areas percolated into the ground.

These are the inspection and maintenance practices that will be used to maintain erosion and sediment controls.

- Less than one half of the site will be denuded at one time.
- All control measures will be inspected at least once each week and following any storm event of 0.5 inches or greater.
- All measures will be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of report.
- Built up sediment will be removed from silt fence when it has reached one-third the height of the fence.
- Silt fence will be inspected for depth of sediment, tears, to see if the fabric is securely attached to the fence posts, and to see that the fence posts are firmly in the ground.
- Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy growth.
- Maintenance inspection reports will be made after each inspection of the Erosion Control Methods and the Site Stabilization Measures. Copies of the report forms to be completed by the inspector (see Attachment A).
- Mr. Adam's, the site health and safety officer for Wes Construction Corp., will select three individuals who will be responsible for inspections, maintenance and repair activities, and filling out the inspection and maintenance report.
- Personnel selected for inspection and maintenance responsibilities will receive training from Mr. Adams. They will be trained in all the inspection and maintenance practices necessary for keeping the erosion and sediment controls used onsite in good working order.

MAINTENANCE /INSPECTION PROCEDURES (Continued)

Non Storm-Water Discharges

It is expected that the following non-storm water discharges will occur from the site during the construction period:

- Contaminated groundwater (from dewatering excavation),
- Non-contaminated groundwater (from dewatering excavation).

All non-storm water discharges will be directed to the on-site storage tank to be discharged into the designated on-site, above-ground, stilling basin. The stilling basin is constructed of silt fabric and allows the water to percolate back into the ground while removing any suspended solids. Solids will be removed from the basin before the design capacity is reduced by 50 percent.

MATERIAL INVENTORY FOR POLLUTION PREVENTION PLAN

The materials or substances listed below are expected to be present onsite during construction:

- Concrete
- Steel Pilings
- Steel and PVC Pipe for Utilities
- Detergents
- Paints (enamel and latex)
- Metal Studs
- Concrete
- Tar
- Gravel
- Clean Sand for Fill
- Fertilizers
- Petroleum Based Products
- Cleaning Solvents
- Wood
- Masonry Block
- Roofing Materials

SPILL PREVENTION

Material Management Practices

The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff.

Good Housekeeping

The following good housekeeping practices will be followed onsite during the construction project

- An effort will be made to store only enough products required to do the job
- All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure
- Products will be kept in their original containers with the original manufacturer's label
- Substances will not be mixed with one another unless recommended by the manufacturer
- Whenever possible, all of a product will be used up before disposing of the container
- Manufacturers' recommendations for proper use and disposal will be followed
- The site superintendent will inspect daily to ensure proper use and disposal of materials onsite.

Hazardous Products:

These practices are used to reduce the risks associated with hazardous materials.

- Products will be kept in original containers unless they are not re-sealable
- Original labels and material safety data will be retained; they contain important product information
- If surplus product must be disposed of, manufacturers' or local and State recommended methods for proper disposal will be followed.

Product Specific Practices

The following product specific practices will be followed onsite:

Petroleum Products

All onsite vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled. Any asphalt substances used onsite will be applied according to the manufacturer's recommendations.

Fertilizers:

Fertilizers used will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

Paints:

All containers will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewer system but will be properly disposed of according to manufacturers' instructions or State and local regulations.

Concrete Trucks:

Concrete trucks will not be allowed to wash out or discharge surplus concrete or drum wash water on the site.

Spill Control Practices

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

- Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment and materials will include but not be limited to brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for this purpose.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- Spills of toxic or hazardous material will be reported to the appropriate State or local government agency, regardless of the size.
- The Health and Safety Plan will be adjusted to include measures to prevent this type of spill from reoccurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.
- Mr. Adams, the site health and safety officer responsible for the day-to-day site operations, will be the spill prevention and cleanup coordinator. He will designate at least three other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel will be posted in the material storage area and in the office trailer onsite.

POLLUTION PREVENTION PLAN CERTIFICATION

I certify under the penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed: Alan D. Hanscom

Alan D. Hanscom, P.E., LSP
Associate
BETA Group, Inc.

Date: 9/17/04

CONTRACTOR'S CERTIFICATION

I certify under the penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature	For	Responsible for
Kenneth J. Vogel Ken Vogel Senior Project Manager Date: 9/17/04	Wes Construction Corporation 175 Commercial Circle Dedham, MA 02026 (781) 326-4030	General Contractor

ATTACHMENT A

KEITH MIDDLE SCHOOL
STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM

EROSION CONTROLS

DATE:_____

FROM	TO	IS PERIMETER SLOPE STABILIZED?	IS THERE EVIDENCE OF WASHOUT OR OVERTOPPING?

MAINTENANCE REQUIRED FOR EROSION CONTROL BARRIER:

_____

_____

_____

TO BE PERFORMED BY:_____ ON OR BEFORE:_____

KEITH MIDDLE SCHOOL
STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM

OTHER CONTROLS
STABILIZED CONSTRUCTION ENTRANCE

DOES MUCH SEDIMENT GET TRACKED ON TO ROAD?	IS THE GRAVEL CLEAN OR IS IT FILLED WITH SEDIMENT?	DOES ALL TRAFFIC USE THE STABILIZED ENTRANCE TO LEAVE THE SITE?	IS THE CULVERT BENEATH THE ENTRANCE WORKING?

MAINTENANCE REQUIRED FOR STABILIZED CONSTRUCTION ENTRANCE:

_____

_____

_____

TO BE PERFORMED BY:_____ ON OR BEFORE:_____

ATTACHMENT B

Keith Middle School

Date Log of Major Construction Activities

Activities to be recorded: **1)** When Major Grading Activities Occur, **2)** When Construction Activities Temporarily Permanently Cease, **3)** When Stabilization Measures are Initiated.

Date	Activity

Keep an updated copy of this log with the Storm Water Pollution Prevention Plan at all times.

ATTACHMENT C

Intended Sequence and Timing of Site Activities
Keith Middle School, New Bedford, MA

Past Activities

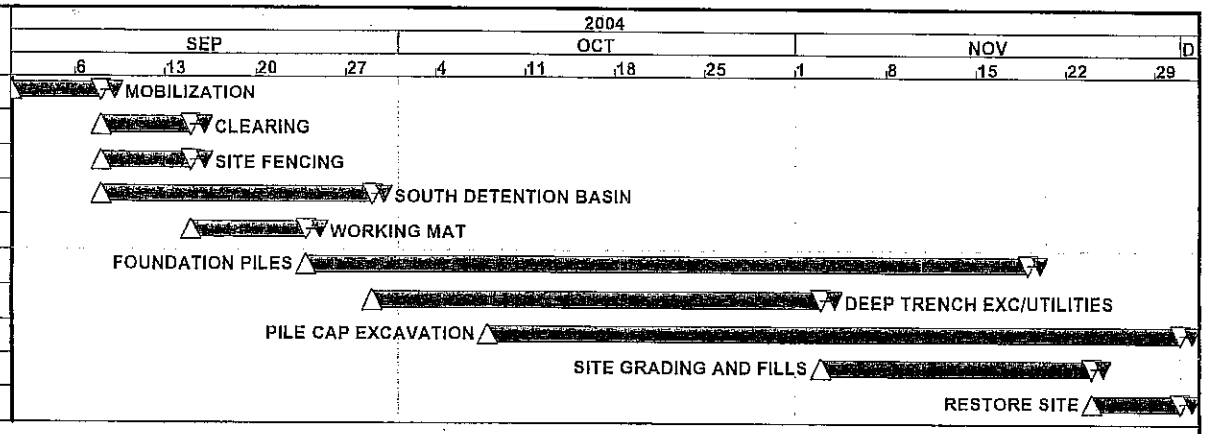
Phase I - Site Remediation
5/3/04 - Began installing erosion and sediment controls (silt fence, hay bails). Set up stabilized construction entrance and vehicle washing area, which is constructed of crushed stone.
5/13/04 – Completed the installation of erosion and sediment controls.
8/7/04 – Constructed 4' deep trench and filled it with crushed stone at the end of stabilized construction entrance to prevent vehicle wash water seepage through top layer of soil and onto the roadway, which is at a lower elevation.
8/24/04 - Perimeter slope construction completed and stabilized with grass seed.

Intended Future Activities

Phase II - Earthwork for Site Remediation, Preparation for Site Utilities, Pile Driving
See Attached Sheet Entitled – "Keith Middle School Phase II Site PR" by Wes Construction Corp.

Phase III - Site Development, Building Construction
More detail will be provided when the bid process is complete. The intended completion date is September 2006.

Total Float	Activity Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
1	MOBILIZATION	5	5	0	01SEP04	07SEP04
1	CLEARING	5	5	0	08SEP04	14SEP04
1	SITE FENCING	5	5	0	08SEP04	14SEP04
1	SOUTH DETENTION BASIN	15	15	0	08SEP04	28SEP04
1	WORKING MAT	7	7	0	15SEP04	23SEP04
1	FOUNDATION PILES	40	40	0	24SEP04	18NOV04
1	DEEP TRENCH EXC/UTILITIES	25	25	0	29SEP04	02NOV04
1	PILE CAP EXCAVATION	38	38	0	08OCT04	30NOV04
1	SITE GRADING AND FILLS	15	15	0	03NOV04	23NOV04
1	RESTORE SITE	5	5	0	24NOV04	30NOV04



Project Start	01SEP04
Project Finish	30NOV04
Data Date	01SEP04
Run Date	26AUG04

Early Bar
Float Bar
Progress Bar
Critical Activity

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KMS2

Sheet 1 of 1

WES CONSTRUCTION CORP

KEITH MIDDLE SCHOOL PHASE II SITE PR

Classic Schedule Layout

ATTACHMENT D

NPDES General Permit for Storm Water Discharges From Construction Activities

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National Pollutant Discharge Elimination System
General Permit for Discharges from
Large and Small Construction Activities

In compliance with the provisions of the Clean Water Act, 33 U.S.C. §1251 et. seq., (hereafter CWA or the Act), as amended by the Water Quality Act of 1987, P.L. 100-4, operators of large and small construction activities that are described in Subpart 1.3 of this National Pollutant Discharge Elimination System (NPDES) general permit, except for those activities excluded from authorization of discharge in Subpart 1.3.C of this permit are authorized to discharge pollutants to waters of the United States in accordance with the conditions and requirements set forth herein. Permit coverage is required from the "commencement of construction activities" until "final stabilization" as defined in Appendix A.

This permit shall become effective on July 1, 2003.

This permit and the authorization to discharge shall expire at midnight, July 1, 2008.

Signed:

Linda M. Murphy, Director, Office of Ecosystem Protection
EPA Region 1

Kevin Bricke, Acting Director, Division of Environmental Planning and Protection
EPA Region 2

Carlos E. O'Neill, P.E., Acting Division Director, Caribbean Environmental Protection Division
EPA Region 2

John M. Capacasa, Director, Water Protection Division
EPA Region 3

Rebecca Harvey, Chief, NPDES Program Branch
EPA Region 5

Miguel I. Flores, Director, Water Quality Protection Division
EPA Region 6

Leo J. Alderman, Director, Water, Wetlands, and Pesticides Division
EPA Region 7

Stephen S. Tuber, Assistant Regional Administrator, Office of Partnerships and Regulatory Assistance
EPA Region 8

Nancy Woo, Acting Director, Water Division
EPA Region 9

Randall F. Smith, Director, Office of Water
EPA Region 10

The signatures are for the permit conditions in Parts 1 through 9 and Appendices A through G and for any additional conditions which apply to facilities located in the corresponding state, Indian country, or other area.

PART 1: COVERAGE UNDER THIS PERMIT

1.1 Introduction

This Construction General Permit (CGP) authorizes storm water discharges from large and small construction activities that result in a total land disturbance of equal to or greater than one acre, where those discharges enter surface waters of the United States or a municipal separate storm sewer system (MS4) leading to surface waters of the United States subject to the conditions set forth in this permit. This permit also authorizes storm water discharges from any other construction activity designated by EPA where EPA makes that designation based on the potential for contribution to an excursion of a water quality standard or for significant contribution of pollutants to waters of the United States. This permit replaces two permits issued in 1998 (63 FR 7858, February 17, 1998 for EPA Regions 1, 2, 3, 7, 8, 9, and 10 and 63 FR 36489, July 6, 1998 for EPA Region 6). Any references to the 1998 CGP in this permit refer to those two permits.

This permit is presented in a reader-friendly, plain language format. This permit uses the terms "you" and "your" to identify the person(s) who owns or operates a "facility" or "activity" as defined in Appendix A and who must comply with the conditions of this permit. This format should allow you, the permittee and operator of a large or small construction activity, to easily locate and understand applicable requirements.

The goal of this permit is to reduce or eliminate storm water pollution from construction activity by requiring that you plan and implement appropriate pollution control practices to protect water quality.

1.2 Permit Area

If your large or small construction activity is located within the areas listed in Appendix B, you may be eligible to obtain coverage under this permit. Permit coverage is actually provided by legally separate and distinctly numbered permits covering each of the areas listed in Appendix B.

1.3 Eligibility

Permit eligibility is limited to discharges from "large" and "small" construction activity as defined in Appendix A or as otherwise designated by EPA. This general permit contains eligibility restrictions, as well as permit conditions and requirements. You may have to take certain actions to be eligible for coverage under this permit. In such cases, you must continue to satisfy those eligibility provisions to maintain permit authorization. If you do not meet the requirements that are a pre-condition to eligibility, then resulting discharges constitute unpermitted discharges. By contrast, if you do not comply with the requirements of the general permit, you may be in violation of the general permit for your otherwise eligible discharges.

A. Allowable Storm Water Discharges

Subject to compliance with the terms and conditions of this permit, you are authorized to discharge pollutants in:

1. Storm water associated with large and small construction activity as defined in Appendix A;
2. Storm water discharges designated by EPA as needing a storm water permit under 40 CFR §122.26(a)(1)(v) or §122.26(b)(15)(ii);
3. Discharges from support activities (e.g., concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas) provided:
   a. The support activity is directly related to the construction site required to have NPDES permit coverage for discharges of storm water associated with construction activity;
   b. The support activity is not a commercial operation serving multiple unrelated construction projects by different operators, and does not operate beyond the completion of the construction activity at the last construction project it supports; and
   c. Appropriate controls and measures are identified in a Storm Water Pollution Prevention Plan (SWPPP) covering the discharges from the support activity areas; and
4. Discharges composed of allowable discharges listed in 1.3.A and 1.3.B commingled with a discharge authorized by a different NPDES permit and/or a discharge that does not require NPDES permit authorization.

B. Allowable Non-Storm Water Discharges

You are authorized for the following non-storm water discharges, provided the non-storm water component of the discharge is in compliance with Subpart 3.5 (Non-Storm Water Discharge Management):

1. Discharges from fire-fighting activities;
2. Fire hydrant flushings;
3. Waters used to wash vehicles where detergents are not used;
4. Water used to control dust in accordance with Subpart 3.4.G;
5. Potable water including uncontaminated water line flushings;
6. Routine external building wash down that does not use detergents;
7. Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used;
8. Uncontaminated air conditioning or compressor condensate;
9. Uncontaminated ground water or spring water;
10. Foundation or footing drains where flows are not contaminated with process materials such as solvents;
11. Uncontaminated excavation dewatering;
12. Landscape irrigation.

C. Limitations on Coverage

1. This permit does not authorize post-construction discharges that originate from the site after construction activities have been completed and the site has achieved final stabilization, including any temporary support activity. Post-construction storm water discharges from industrial sites may need to be covered by a separate NPDES permit.
2. This permit does not authorize discharges mixed with non-storm water. This exclusion does not apply to discharges identified in Subpart 1.3.B, provided the discharges are in compliance with Subpart 3.5 (Non-Storm Water Discharge Management).
3. This permit does not authorize storm water discharges associated with construction activity that have been covered under an individual permit or required to obtain coverage under an alternative general permit in accordance with Subpart 4.2.
4. This permit does not authorize discharges that EPA, prior to authorization under this permit, determines will cause, have the reasonable potential to cause, or contribute to an excursion above any applicable water quality standard. Where such a determination is made prior to authorization, EPA may notify you that an individual permit application is necessary in accordance with Subpart 4.2. However, EPA may authorize your coverage under this permit after you have included appropriate controls and implementation procedures in your SWPPP designed to bring your discharge into compliance with water quality standards.
5. *Discharging into Receiving Waters With an Approved Total Maximum Daily Load Analysis*
   a. You are not eligible for coverage under this permit for discharges of pollutants of concern to waters for which there is a total maximum daily load (TMDL) established or approved by EPA unless you incorporate into your SWPPP measures or controls that are consistent with the assumptions and requirements of such TMDL. To be eligible for coverage under this general permit, you must incorporate into your SWPPP any conditions applicable to your discharges necessary for consistency with the assumptions and requirements of such TMDL. If a specific wasteload allocation has been established that would apply to your discharge, you must incorporate that allocation into your SWPPP and implement necessary steps to meet that allocation.
   b. In a situation where an EPA-approved or established TMDL has specified a general wasteload allocation applicable to construction storm water discharges, but no specific requirements for construction sites have been identified in the TMDL, you should consult with the State or Federal TMDL authority to confirm that adherence to a SWPPP that meets the requirements of the CGP will be consistent with the approved TMDL. Where an EPA-approved or established TMDL has not

specified a wasteload allocation applicable to construction storm water discharges, but has not specifically excluded these discharges, adherence to a SWPPP that meets the requirements of the CGP will generally be assumed to be consistent with the approved TMDL. If the EPA-approved or established TMDL specifically precludes such discharges, the operator is not eligible for coverage under the CGP.

6. *Endangered and Threatened Species and Critical Habitat Protection*

   a. Coverage under this permit is available only if your storm water discharges, allowable non-storm water discharges, and storm water discharge-related activities, as defined in Appendix A, are not likely to jeopardize the continued existence of any species that are federally-listed as endangered or threatened ("listed") under the Endangered Species Act (ESA) or result in the adverse modification or destruction of habitat that is federally-designated as critical under the ESA ("critical habitat").

   b. You are not eligible to discharge if the storm water discharges, allowable non-storm water discharges, or storm water discharge-related activities would cause a prohibited "take" of federally-listed endangered or threatened species (as defined under section 3 of the ESA and 50 CFR 17.3), unless such takes are authorized under sections 7 or 10 of the ESA.

   c. Determining Eligibility: You must use the process in Appendix C (ESA Review Procedures) to determine eligibility *PRIOR* to submittal of the Notice of Intent (NOI). You must meet one or more of the following six criteria (A-F) for the entire term of coverage under the permit:

Criterion A. No federally-listed threatened or endangered species or their designated critical habitat are in the project area as defined in Appendix C; or

Criterion B. Formal consultation with the Fish and Wildlife Service and/or the National Marine Fisheries Service under section 7 of the ESA has been concluded and that consultation:

i. Addressed the effects of the project's storm water discharges, allowable non-storm water discharges, and storm water discharge-related activities on federally-listed threatened or endangered species and federally-designated critical habitat, and
ii. The consultation resulted in either:

a. Biological opinion finding no jeopardy to federally-listed species or destruction/adverse modification of federally-designated critical habitat, or

b. written concurrence from the Service(s) with a finding that the storm water discharges, allowable non-storm water discharges, and storm water discharge-related activities are not likely to adversely affect federally-listed species or federally-designated critical habitat; or

Criterion C. Informal consultation with the Fish and Wildlife Service and/or the National Marine Fisheries Service under section 7 of the ESA has been concluded and that consultation:

i. Addressed the effects of the project's storm water discharges, allowable non-storm water discharges, and storm water discharge-related activities on federally-listed threatened or endangered species and federally-designated critical habitat, and
ii. The consultation resulted in either:

a. Biological opinion finding no jeopardy to federally-listed species or destruction/adverse modification of federally-designated critical habitat, or

b. written concurrence from the Service(s) with a finding that the storm water discharges, allowable non-storm water discharges, and storm water discharge-related activities are not likely to adversely affect federally-listed species or federally-designated critical habitat; or

Criterion D. The construction activities are authorized through the issuance of a permit under section 10 of the ESA, and that authorization addresses the effects of the storm water discharges, allowable non-storm water discharges, and storm water discharge-related activities on federally-listed species and federally-designated critical habitat; or

Criterion E. Storm water discharges, allowable non-storm water discharges, and storm water discharge-related activities are not likely to adversely affect any federally-listed

threatened or endangered species or result in the destruction or adverse modification of federally-designated critical habitat; or

Criterion F. The project's storm water discharges, allowable non-storm water discharges, and storm water discharge-related activities were already addressed in another operator's valid certification of eligibility under Criteria A-E which included your construction activities and there is no reason to believe that federally-listed species or federally-designated critical habitat not considered in the prior certification may be present or located in the project area. By certifying eligibility under this criterion, you agree to comply with any measures or controls upon which the other operator's certification was based.

You must comply with any applicable terms, conditions, or other requirements developed in the process of meeting the eligibility requirements of the criteria in this section to remain eligible for coverage under this permit. Such terms and conditions must be documented and incorporated into your SWPPP.

7. Historic Properties

[Reserved]

You are reminded that you must comply with applicable state, tribal and local laws concerning the protection of historic properties and places.

1.4 Waivers for Certain Small Construction Activities

Three scenarios exist under which small construction activities (see definition in Appendix A) may be waived from the NPDES permitting requirements detailed in this general permit. These exemptions are predicated on certain criteria being met and proper notification procedures being followed. Details of the waiver options and procedures for requesting a waiver are provided in Appendix D.

PART 2: AUTHORIZATION FOR DISCHARGES OF STORM WATER FROM CONSTRUCTION ACTIVITY

To obtain coverage under this general permit, you, the operator, must prepare and submit a complete and accurate Notice of Intent (NOI), as described in this Part. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage.

2.1 Authorization to Discharge Date

This permit is effective as of the publication date in the Federal Register and is effective for five years, expiring at midnight on the anniversary of publication in the fifth year.

A. If you submit an NOI during the first 90 days after the issuance date of this permit you are authorized to discharge storm water from construction activities under the terms and conditions of this permit seven (7) calendar days after submittal to EPA of a complete and accurate NOI (i.e., 7 days from date of postmark), except as noted in Subpart 2.1.C.

B. If you submit an NOI after the first 90 days of this permit and prior to the expiration date of this permit, you are authorized to discharge storm water from construction activities under the terms and conditions of this permit seven (7) calendar days after acknowledgment of receipt of your complete NOI is posted on EPA's NPDES website ***http://www.epa.gov/npdes/stormwater/cgp***, except as noted in Subpart 2.1.C.

C. EPA may delay your authorization based on eligibility considerations of Subpart 1.3 (e.g., ESA concerns). In these instances, you are not authorized for coverage under this permit until you receive notice from EPA of your eligibility.

2.2 Notice of Intent Contents

A. You must use the NOI form provided in Appendix E (or a photocopy thereof) and available at **www.epa.gov/npdes/stormwater/cgp**. If EPA makes other NOI forms available (either directly, by public notice, or by making information available on the Internet), you may take advantage of any of those options to satisfy the NOI use requirements of this Subpart.

B. You must provide the following information on the NOI form:

1. The applicable permit number for which you are requesting coverage (See Appendix B);

2. Operator name, address, telephone number, and Employer Identification Number (EIN) as established by the U.S. Internal Revenue Service;
3. Project/Site name, address, county or similar governmental subdivision, and latitude/longitude of your construction project or site;
4. Whether your site is located in Indian country and if so, the name of the Reservation, if applicable;
5. Whether the SWPPP has been prepared in advance of filing of this NOI and the location where the applicable SWPPP may be viewed;
6. Name of the water(s) of the U.S. into which your site discharges;
7. Indication whether your discharge is consistent with the assumptions and requirements of applicable EPA approved or established TMDLs;
8. Estimated dates of commencement of construction activity and final stabilization (i.e., project start and completion dates);
9. Total acreage (to the nearest quarter acre) to be disturbed for which you are requesting permit coverage;
10. Whether any federally-listed threatened or endangered species, or federally-designated critical habitat are in your project area to be covered by this permit, and the basis for certifying eligibility for permit coverage based on the instructions in Appendix C;
11. A certification statement, signed and dated by an authorized representative as defined in Appendix G, Section 11, and the name and title of that authorized representative.

2.3 Submission Deadlines

A. *New Projects:* To obtain coverage under this permit, you must submit a complete and accurate NOI and be authorized consistent with Subpart 2.1 prior to your commencement of construction activities.

B. *Permitted Ongoing Projects (only applicable for first 90 days after this permit is issued):* If you previously received authorization to discharge for your project under the 1998 CGP and you wish to continue coverage under this permit:

1. Except as noted in 2.3.B.2, you must:
    1. Submit an NOI within 90 days of the issuance date of this permit, and
    2. Until you are authorized under this permit consistent with Subpart 2.1, comply with the terms and conditions of the 1998 CGP under which you were previously authorized.
2. If you meet the termination of coverage requirements in accordance with Subpart 5.1 within 90 days of the issuance date of this permit (e.g., construction will be finished and final stabilization achieved) you must:
    1. Submit an NOT consistent with the 2003 CGP using the NOT form provided in Appendix F, and
    2. Until coverage is no longer required, comply with the terms and conditions of the 1998 CGP under which you were previously authorized.

C. *Unpermitted Ongoing Projects (only applicable for first 90 days after this permit is issued):* If you previously did not receive authorization to discharge for your project under the 1998 CGP and you wish to obtain coverage under this permit:

1. Except as noted in 2.3.C.2, you must:
    1. Submit an NOI within 90 days of the issuance date of this permit, and
    2. Until you are authorized under this permit consistent with Subpart 2.1, comply with an interim Storm Water Pollution Prevention Plan (SWPPP) consistent with the 1998 CGP.
2. If you meet the termination of coverage requirements in accordance with Subpart 5.1 within 90 days of the issuance date of this permit (e.g., construction will be finished and final stabilization achieved) you must comply with an interim Storm Water Pollution Prevention Plan (SWPPP) consistent with the 1998 CGP until permit coverage is no longer required.

D. *Late Notifications:* Operators are not prohibited from submitting NOIs after initiating clearing, grading, excavation activities, or other construction activities. When a late NOI is submitted, authorization for discharges occurs consistent with Subpart 2.1. The Agency reserves the right to take enforcement action for any unpermitted discharges or permit noncompliance that occur between the commencement of construction and discharge authorization.

2.4 Where to Submit

A. Except as noted in Subpart 2.3.B, you must send your complete and accurate NOI to EPA at one of the following addresses:

For Regular U.S. Mail Delivery:
EPA Storm Water Notice Processing Center
Mail Code 4203M
U.S. EPA
1200 Pennsylvania Avenue, NW
Washington, DC 20460

For Overnight/Express Mail Delivery:
EPA Storm Water Notice Processing Center
Room 7420
U.S. EPA
1201 Constitution Avenue, NW
Washington, DC 20004

B. In lieu of Subpart 2.4.A, when available, you may submit your NOI using EPA's electronic NOI system (i.e., eNOI) as detailed at www.epa.gov/npdes/stormwater/cgp.

PART 3: STORM WATER POLLUTION PREVENTION PLANS (SWPPPS)

3.1 Storm Water Pollution Prevention Plan Framework

A. A SWPPP must be prepared prior to submission of an NOI as required in Part 2. At least one SWPPP must be developed for each construction project covered by this permit and such SWPPP must be prepared in accordance with good engineering practices.

B. The SWPPP must:

1. Identify all potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges from the construction site;
2. Describe practices to be used to reduce pollutants in storm water discharges from the construction site; and
3. Assure compliance with the terms and conditions of this permit.

C. Once a definable area has been finally stabilized, you may mark this on your SWPPP and no further SWPPP or inspection requirements apply to that portion of the site (e.g., earth-disturbing activities around one of three buildings in a complex are done and the area is finally stabilized, one mile of a roadway or pipeline project is done and finally stabilized, etc).

D. You must implement the SWPPP as written from commencement of construction activity until final stabilization is complete.

3.2 Requirements for Different Types of Operators

You may meet one or both of the operational control components in the definition of operator found in Appendix A. Subpart 3.2.C applies to all permittees having control over only a portion of a construction site.

A. If you have operational control over construction plans and specifications, you must ensure that:

1. The project specifications meet the minimum requirements of this Subpart and all other applicable permit conditions;
2. The SWPPP indicates the areas of the project where the operator has operational control over project specifications, including the ability to make modifications in specifications;
3. All other permittees implementing portions of the SWPPP (or their own SWPPP) who may be impacted by a change to the construction plan are notified of such changes in a timely manner; and
4. The SWPPP indicates the name of the party(ies) with day-to-day operational control of those activities necessary to ensure compliance with the SWPPP or other permit conditions.

B. If you have operational control over day-to-day activities, you must ensure that:

1. The SWPPP meets the minimum requirements of this Subpart and identifies the parties responsible for implementation of control measures identified in the plan;
2. The SWPPP indicates areas of the project where you have operational control over day-to-day activities;
3. The SWPPP indicates the name of the party(ies) with operational control over project specifications (including the ability to make modifications in specifications).

C. If you have operational control over only a portion of a larger project (e.g., one of four homebuilders in a subdivision), you are responsible for compliance with all applicable terms and conditions of this permit as it relates to your activities on your portion of the construction site, including protection of endangered species, critical habitat, and historic properties, and implementation of best management practices (BMPs) and other controls required by the SWPPP. You must ensure either directly or through coordination with other permittees, that your activities do not render another party's pollution control ineffective. You must either implement your portion of a common SWPPP or develop and implement your own SWPPP.

For more effective coordination of BMPs and opportunities for cost sharing, a cooperative effort by the different operators at a site to prepare and participate in a comprehensive SWPPP is encouraged. Individual operators at a site may, but are not required to, develop separate SWPPPs that cover only their portion of the project provided reference is made to other operators at the site. In instances where there is more than one SWPPP for a site, cooperation between the permittees is encouraged to ensure the storm water discharge controls and other measures are consistent with one another (e.g., provisions to protect listed species and critical habitat).

3.3 Pollution Prevention Plan Contents: Site and Activity Description

A. The SWPPP must identify all operators for the project site, and the areas of the site over which each operator has control.

B. The SWPPP must describe the nature of the construction activity, including:

1. The function of the project (e.g., low density residential, shopping mall, highway, etc.);
2. The intended sequence and timing of activities that disturb soils at the site;
3. Estimates of the total area expected to be disturbed by excavation, grading, or other construction activities, including dedicated off-site borrow and fill areas; and
4. A general location map (e.g., USGS quadrangle map, a portion of a city or county map, or other map) with enough detail to identify the location of the construction site and waters of the United States within one mile of the site.

C. The SWPPP must contain a legible site map, showing the entire site, identifying:

1. Direction(s) of storm water flow and approximate slopes anticipated after major grading activities;
2. Areas of soil disturbance and areas that will not be disturbed;
3. Locations of major structural and nonstructural BMPs identified in the SWPPP;
4. Locations where stabilization practices are expected to occur;
5. Locations of off-site material, waste, borrow or equipment storage areas;
6. Locations of all waters of the United States (including wetlands);
7. Locations where storm water discharges to a surface water; and
8. Areas where final stabilization has been accomplished and no further construction-phase permit requirements apply.

D. The SWPPP must describe and identify the location and description of any storm water discharge associated with industrial activity other than construction at the site. This includes storm water discharges from dedicated asphalt plants and dedicated concrete plants, that are covered by this permit.

3.4 Pollution Prevention Plan Contents: Controls to Reduce Pollutants

A. The SWPPP must include a description of all pollution control measures (i.e., BMPs) that will be implemented as part of the construction activity to control pollutants in storm water discharges. For each major activity identified in the project description the SWPPP must clearly describe appropriate control measures, the general sequence during the construction process in which the measures will be implemented, and which operator is responsible for the control measure's implementation.

B. The SWPPP must include a description of interim and permanent stabilization practices for the site, including a schedule of when the practices will be implemented. Site plans should ensure that existing vegetation is preserved where possible and that disturbed portions of the site are stabilized. Use of impervious surfaces for stabilization should be avoided.

C. The following records must be maintained as part of the SWPPP:

   1. Dates when major grading activities occur;
   2. Dates when construction activities temporarily or permanently cease on a portion of the site; and
   3. Dates when stabilization measures are initiated.

D. The SWPPP must include a description of structural practices to divert flows from exposed soils, retain/detain flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Placement of structural practices in floodplains must be avoided to the degree practicable.

E. The SWPPP must include a description of all post-construction storm water management measures that will be installed during the construction process to control pollutants in storm water discharges after construction operations have been completed. Structural measures should be placed on upland soils to the degree practicable. Such measures must be designed and installed in compliance with applicable federal, local, state or tribal requirements.

F. The SWPPP must describe measures to prevent the discharge of solid materials, including building materials, to waters of the United States, except as authorized by a permit issued under section 404 of the CWA.

G. The SWPPP must describe measures to minimize, to the extent practicable, off-site vehicle tracking of sediments onto paved surfaces and the generation of dust.

H. The SWPPP must include a description of construction and waste materials expected to be stored on-site with updates as appropriate. The SWPPP must also include a description of controls, including storage practices, to minimize exposure of the materials to storm water, and spill prevention and response practices.

I. The SWPPP must include a description of pollutant sources from areas other than construction (including storm water discharges from dedicated asphalt plants and dedicated concrete plants), and a description of controls and measures that will be implemented at those sites to minimize pollutant discharges.

3.5 Non-Storm Water Discharge Management

The SWPPP must identify all allowable sources of non-storm water discharges listed in Subpart 1.3.B of this permit, except for flows from fire fighting activities, that are combined with storm water discharges associated with construction activity at the site. Non-storm water discharges should be eliminated or reduced to the extent feasible. The SWPPP must identify and ensure the implementation of appropriate pollution prevention measures for the non-storm water component(s) of the discharge.

3.6 Maintenance of Controls

A. All erosion and sediment control measures and other protective measures identified in the SWPPP must be maintained in effective operating condition. If site inspections required by Subpart 3.10 identify BMPs that are not operating effectively, maintenance must be performed as soon as possible and before the next storm event whenever practicable to maintain the continued effectiveness of storm water controls.

B. If existing BMPs need to be modified or if additional BMPs are necessary for any reason, implementation must be completed before the next storm event whenever practicable. If implementation before the next storm event is impracticable, the situation must be documented in the SWPPP and alternative BMPs must be implemented as soon as possible.

C. Sediment from sediment traps or sedimentation ponds must be removed when design capacity has been reduced by 50 percent.

3.7 Documentation of Permit Eligibility Related to Endangered Species

The SWPPP must include documentation supporting a determination of permit eligibility with regard to Endangered Species, including:

A. Information on whether federally-listed endangered or threatened species, or federally-designated critical habitat may be in the project area;

B. Whether such species or critical habitat may be adversely affected by storm water discharges or storm water discharge-related activities from the project;

C. Results of the Appendix C listed species and critical habitat screening determinations;

D. Confirmation of delivery of NOI to EPA or to EPA's electronic NOI system. This may include an overnight, express or registered mail receipt acknowledgment; or electronic acknowledgment from EPA's electronic NOI system.

E. Any correspondence for any stage of project planning between the U.S. Fish and Wildlife Service (FWS), EPA, the U.S. National Marine Fisheries Service (NMFS), or others and you regarding listed species and critical habitat, including any notification that delays your authorization to discharge under this permit;

F. A description of measures necessary to protect federally-listed endangered or threatened species, or federally-designated critical habitat. The permittee must describe and implement such measures to maintain eligibility for coverage under this permit.

3.8 Copy of Permit Requirements

Copies of this permit and of the signed and certified NOI form that was submitted to EPA must be included in the SWPPP. Also, upon receipt, a copy of the letter from the EPA Storm Water Notice Processing Center notifying you of their receipt of your administratively complete NOI must also be included as a component of the SWPPP.

3.9 Applicable State, Tribal, or Local Programs

The SWPPP must be consistent with all applicable federal, state, tribal, or local requirements for soil and erosion control and storm water management, including updates to the SWPPP as necessary to reflect any revisions to applicable federal, state, tribal, or local requirements for soil and erosion control.

3.10 Inspections

A. Inspections must be conducted in accordance with one of the two schedules listed below. You must specify in your SWPPP which schedule you will be following.

   1. At least once every 7 calendar days, OR
   2. At least once every 14 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater.

B Inspection frequency may be reduced to at least once every month if:

   1. The entire site is temporarily stabilized,
   2. Runoff is unlikely due to winter conditions (e.g., site is covered with snow, ice, or the ground is frozen), or
   3. Construction is occurring during seasonal arid periods in arid areas and semi-arid areas.

C. A waiver of the inspection requirements is available until one month before thawing conditions are expected to result in a discharge if all of the following requirements are met:

   1. The project is located in an area where frozen conditions are anticipated to continue for extended periods of time (i.e., more than one month);
   2. Land disturbance activities have been suspended; and
   3. The beginning and ending dates of the waiver period are documented in the SWPPP.

D. Inspections must be conducted by qualified personnel (provided by the operator or cooperatively by multiple operators). "Qualified personnel" means a person knowledgeable in the principles and practice of erosion and sediment controls who possesses the skills to assess conditions at the construction site that could impact

storm water quality and to assess the effectiveness of any sediment and erosion control measures selected to control the quality of storm water discharges from the construction activity.

E. Inspections must include all areas of the site disturbed by construction activity and areas used for storage of materials that are exposed to precipitation. Inspectors must look for evidence of, or the potential for, pollutants entering the storm water conveyance system. Sedimentation and erosion control measures identified in the SWPPP must be observed to ensure proper operation. Discharge locations must be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to waters of the United States, where accessible. Where discharge locations are inaccessible, nearby downstream locations must be inspected to the extent that such inspections are practicable. Locations where vehicles enter or exit the site must be inspected for evidence of off-site sediment tracking.

F. Utility line installation, pipeline construction, and other examples of long, narrow, linear construction activities may limit the access of inspection personnel to the areas described in Subpart 3.10.E above. Inspection of these areas could require that vehicles compromise temporarily or even permanently stabilized areas, cause additional disturbance of soils, and increase the potential for erosion. In these circumstances, controls must be inspected on the same frequencies as other construction projects, but representative inspections may be performed. For representative inspections, personnel must inspect controls along the construction site for 0.25 mile above and below each access point where a roadway, undisturbed right-of-way, or other similar feature intersects the construction site and allows access to the areas described above. The conditions of the controls along each inspected 0.25 mile segment may be considered as representative of the condition of controls along that reach extending from the end of the 0.25 mile segment to either the end of the next 0.25 mile inspected segment, or to the end of the project, whichever occurs first.

G. For each inspection required above, you must complete an inspection report. At a minimum, the inspection report must include:

1. The inspection date;
2. Names, titles, and qualifications of personnel making the inspection;
3. Weather information for the period since the last inspection (or since commencement of construction activity if the first inspection) including a best estimate of the beginning of each storm event, duration of each storm event, approximate amount of rainfall for each storm event (in inches), and whether any discharges occurred;
4. Weather information and a description of any discharges occurring at the time of the inspection;
5. Location(s) of discharges of sediment or other pollutants from the site;
6. Location(s) of BMPs that need to be maintained;
7. Location(s) of BMPs that failed to operate as designed or proved inadequate for a particular location;
8. Location(s) where additional BMPs are needed that did not exist at the time of inspection; and
9. Corrective action required including any changes to the SWPPP necessary and implementation dates.

A record of each inspection and of any actions taken in accordance with this Part must be retained as part of the SWPPP for at least three years from the date that permit coverage expires or is terminated. The inspection reports must identify any incidents of non-compliance with the permit conditions. Where a report does not identify any incidents of non-compliance, the report must contain a certification that the construction project or site is in compliance with the SWPPP and this permit. The report must be signed in accordance with Appendix G, Section 11 of this permit.

3.11 Maintaining an Updated Plan

A. The SWPPP, including the site map, must be amended whenever there is a change in design, construction, operation, or maintenance at the construction site that has or could have a significant effect on the discharge of pollutants to the waters of the United States that has not been previously addressed in the SWPPP.

B. The SWPPP must be amended if during inspections or investigations by site staff, or by local, state, tribal or federal officials, it is determined that the discharges the SWPPP is ineffective in eliminating or significantly minimizing pollutants in storm water discharges from the construction site.

C. Based on the results of an inspection, the SWPPP must be modified as necessary to include additional or modified BMPs designed to correct problems identified. Revisions to the SWPPP must be completed within

seven (7) calendar days following the inspection. Implementation of these additional or modified BMPs must be accomplished as described in Subpart 3.6.B.

3.12 Signature, Plan Review and Making Plans Available

A. A copy of the SWPPP (including a copy of the permit), NOI, and acknowledgement letter from EPA must be retained at the construction site (or other location easily accessible during normal business hours to EPA, a state, tribal or local agency approving sediment and erosion plans, grading plans, or storm water management plans; local government officials; the operator of a municipal separate storm sewer receiving discharges from the site; and representatives of the U.S. Fish and Wildlife Service or the National Marine Fisheries Service) from the date of commencement of construction activities to the date of final stabilization. If you have day-to-day operational control over SWPPP implementation, you must have a copy of the SWPPP available at a central location on-site for the use of all those identified as having responsibilities under the SWPPP whenever they are on the construction site. If an on-site location is unavailable to store the SWPPP when no personnel are present, notice of the plan's location must be posted near the main entrance at the construction site.

B. A sign or other notice must be posted conspicuously near the main entrance of the construction site. If displaying near the main entrance is infeasible, the notice can be posted in a local public building such as the town hall or public library. The sign or other notice must contain the following information:

   1. A copy of the completed Notice of Intent as submitted to the EPA Storm Water Notice Processing Center; and

   2. If the location of the SWPPP or the name and telephone number of the contact person for scheduling SWPPP viewing times has changed (i.e., is different than that submitted to EPA in the NOI), the current location of the SWPPP and name and telephone number of a contact person for scheduling viewing times.

   For linear projects, the sign or other notice must be posted at a publicly accessible location near the active part of the construction project (e.g., where a pipeline project crosses a public road).

C. SWPPPs must be made available upon request by EPA; a state, tribal or local agency approving sediment and erosion plans, grading plans, or storm water management plans; local government officials; the operator of a municipal separate storm sewer receiving discharges from the site; and representatives of the U.S. Fish and Wildlife Service or the National Marine Fisheries Service to the requestor. The copy of the SWPPP that is required to be kept on-site or locally available must be made available, in its entirety, to the EPA staff for review and copying at the time of an on-site inspection.

D. All SWPPPs must be signed and certified in accordance with Appendix G, Section 11.

3.13 Management Practices

A. All control measures must be properly selected, installed, and maintained in accordance with any relevant manufacturer specifications and good engineering practices. If periodic inspections or other information indicates a control has been used inappropriately, or incorrectly, the operator must replace or modify the control for site situations as soon as practicable.

B. If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize off-site impacts.

C. Litter, construction debris, and construction chemicals that could be exposed to storm water must be prevented from becoming a pollutant source in storm water discharges.

D. Except as provided below, stabilization measures must be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased.

   1. Where stabilization by the 14th day is precluded by snow cover or frozen ground conditions, stabilization measures must be initiated as soon as practicable.

   2. Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 14 days, temporary stabilization measures do not have to be initiated on that portion of the site.

3. In arid, semiarid, and drought-stricken areas where initiating perennial vegetative stabilization measures is not possible within 14 days after construction activity has temporarily or permanently ceased, final vegetative stabilization measures must be initiated as soon as practicable.

E. A combination of sediment and erosion control measures are required to achieve maximum pollutant removal.

1. Sediment Basins: For common drainage locations that serve an area with 10 or more acres disturbed at one time, a temporary (or permanent) sediment basin that provides storage for a calculated volume of runoff from the drainage area from a 2-year, 24-hour storm, or equivalent control measures, must be provided where attainable until final stabilization of the site. Where no such calculation has been performed, a temporary (or permanent) sediment basin providing 3,600 cubic feet of storage per acre drained, or equivalent control measures, must be provided where attainable until final stabilization of the site. When computing the number of acres draining into a common location, it is not necessary to include flows from offsite areas and flows from on-site areas that are either undisturbed or have undergone final stabilization where such flows are diverted around both the disturbed area and the sediment basin. In determining whether installing a sediment basin is attainable, the operator may consider factors such as site soils, slope, available area on-site, etc. In any event, the operator must consider public safety, especially as it relates to children, as a design factor for the sediment basin, and alternative sediment controls must be used where site limitations would preclude a safe design.
2. For drainage locations which serve 10 or more disturbed acres at one time and where a temporary sediment basin or equivalent controls is not attainable, smaller sediment basins and/or sediment traps should be used. At a minimum, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all down slope boundaries (and for those side slope boundaries deemed appropriate as dictated by individual site conditions).
3. For drainage locations serving less than 10 acres, smaller sediment basins and/or sediment traps should be used. At a minimum, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all down slope boundaries (and for those side slope boundaries deemed appropriate as dictated by individual site conditions) of the construction area unless a sediment basin providing storage for a calculated volume of runoff from a 2-year, 24-hour storm or 3,600 cubic feet of storage per acre drained is provided.

F. Velocity dissipation devices must be placed at discharge locations and along the length of any outfall channel to provide a non-erosive flow velocity from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g., no significant changes in the hydrological regime of the receiving water).

3.14 Documentation of Permit Eligibility Related to Total Maximum Daily Loads

The SWPPP must include documentation supporting a determination of permit eligibility with regard to waters that have an EPA-established or approved TMDL, including:

A. Identification of whether your discharge is identified, either specifically or generally, in an EPA-established or approved TMDL and any associated allocations, requirements, and assumptions identified for your discharge;

B. Summaries of consultation with State or Federal TMDL authorities on consistency of SWPPP conditions with the approved TMDL, and

C. Measures taken by you to ensure that your discharge of pollutants from the site is consistent with the assumptions and requirements of the EPA-established or approved TMDL, including any specific wasteload allocation that has been established that would apply to your discharge.

See section 1.3.C.5 for further information on determining permit eligibility related to TMDLs.

PART 4: SPECIAL CONDITIONS, MANAGEMENT PRACTICES AND OTHER NON-NUMERIC LIMITATIONS

4.1 Continuation of the Expired General Permit

If this permit is not reissued or replaced prior to the expiration date, it will be administratively continued in accordance with the Administrative Procedure Act and remain in force and effect. If you were granted permit coverage prior to the expiration date, you will automatically remain covered by the continued permit until the earliest of:

A. Reissuance or replacement of this permit, at which time you must comply with the conditions of the new permit to maintain authorization to discharge; or

B. Your submittal of a Notice of Termination; or

C. Issuance of an individual permit for the project's discharges; or

D. A formal permit decision by EPA to not reissue this general permit, at which time you must seek coverage under an alternative general permit or an individual permit.

4.2 Requiring an Individual Permit or an Alternative General Permit

A. EPA may require you to apply for and/or obtain either an individual NPDES permit or an alternative NPDES general permit. Any interested person may petition EPA to take action under this paragraph. If EPA requires you to apply for an individual NPDES permit, EPA will notify you in writing that a permit application is required. This notification will include a brief statement of the reasons for this decision and an application form. In addition, if you are an existing permittee covered under this permit, the notice will set a deadline to file the application, and will include a statement that on the effective date of issuance or denial of the individual NPDES permit or the alternative general permit as it applies to you, coverage under this general permit will automatically terminate. Applications must be submitted to EPA at the applicable EPA Regional offices listed in Appendix B of this permit. EPA may grant additional time to submit the application upon your request. If you are covered under this permit and you fail to submit in a timely manner an individual NPDES permit application as required by EPA, then the applicability of this permit to you is automatically terminated at the end of the day specified by EPA as the deadline for application submittal.

B. You may request to be excluded from the coverage of this general permit by applying for an individual permit. In such a case, you must submit an individual application in accordance with the requirements of 40 CFR §122.26(c)(1)(ii), with reasons supporting the request, to EPA at the applicable EPA Regional office listed in Appendix B of this permit. The request may be granted by issuance of an individual permit or an alternative general permit if your reasons are adequate to support the request.

C. When an individual NPDES permit is issued to you, who are otherwise subject to this permit, or you are authorized to discharge under an alternative NPDES general permit, the applicability of this permit to you is automatically terminated on the effective date of the individual permit or the date of authorization of coverage under the alternative general permit, whichever the case may be. If you, who are otherwise subject to this permit, are denied an individual NPDES permit or an alternative NPDES general permit, the applicability of this permit to you is automatically terminated on the date of such denial, unless otherwise specified by EPA.

4.3 Releases in Excess of Reportable Quantities

The discharge of hazardous substances or oil in storm water discharges from the construction site must be prevented or minimized in accordance with the SWPPP. This permit does not relieve you of the federal reporting requirements of 40 CFR Part 110, 40 CFR Part 117 and 40 CFR Part 302 relating to spills or other releases of oils or hazardous substances.

Where a release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117 or 40 CFR Part 302, occurs during a 24-hour period:

- you must provide notice to the National Response Center (NRC) (800–424–8802; in the Washington, DC, metropolitan area call 202–426–2675) in accordance with the requirements of 40 CFR Part 110, 40 CFR Part 117 and 40 CFR Part 302 as soon as site staff have knowledge of the discharge; and
- you must modify the SWPPP as required under Subpart 3.11 within 7 calendar days of knowledge of the release to: provide a description of the release, the circumstances leading to the release, and the date of the release. Plans must identify measures to prevent the reoccurrence of such releases and to respond to such releases.

4.4 Spills

This permit does not authorize the discharge of hazardous substances or oil resulting from an on-site spill.

4.5 Attainment of Water Quality Standards After Authorization

A. You must select, install, implement and maintain BMPs at your construction site that minimize pollutants in the discharge as necessary to meet applicable water quality standards. In general, except in situations explained in Subpart 4.5.B below, your SWPPP developed, implemented, and updated consistent with Part 3.0 is considered as stringent as necessary to ensure that your discharges do not cause or contribute to an excursion above any applicable water quality standard.

B. At any time after authorization, EPA may determine that your storm water discharges may cause, have reasonable potential to cause, or contribute to an excursion above any applicable water quality standard. If such a determination is made, EPA will require you to:

   i. Develop a supplemental BMP action plan describing SWPPP modifications in accordance with Subpart 3.11 to address adequately the identified water quality concerns;

   ii. Submit valid and verifiable data and information that are representative of ambient conditions and indicate that the receiving water is attaining water quality standards; or

   iii. Cease discharges of pollutants from construction activity and submit an individual permit application according to Subpart 4.2.

All written responses required under this part must include a signed certification consistent with Appendix G, Section 11.

PART 5: TERMINATION OF COVERAGE

5.1 Requirements

You may only submit a Notice of Termination (NOT) after one or more of the following conditions have been met:

A. Final stabilization has been achieved on all portions of the site for which you are responsible;

B. Another operator has assumed control according to Appendix G, Section 11.C over all areas of the site that have not been finally stabilized;

C. Coverage under an individual or alternative general NPDES permit has been obtained; or

D. For residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.

The NOT must be submitted within 30 days of one of the above conditions being met. Authorization to discharge terminates at midnight of the day the NOT is signed.

5.2 Submitting a Notice of Termination

It is your responsibility to submit a complete and accurate Notice of Termination (NOT), using the form provided in Appendix F (or a photocopy thereof) available at www.epa.gov/npdes/stormwater/cgp. If EPA notifies dischargers (either directly, by public notice, or by making information available on the Internet) of other NOT form options (e.g., electronic submission), you may take advantage of those options to satisfy the requirements of Part 5.

A. The Notice of Termination must include the following information:

   1. The NPDES permit tracking number for the storm water discharge;

   2. The basis for submission of the NOT, including: final stabilization has been achieved on all portions of the site for which the permittee is responsible; another operator/permittee has assumed control over all areas of the site that have not been finally stabilized; coverage under an alternative NPDES permit has been obtained; or, for residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner;

   3. You, the operator's name, address, telephone number and your organization's Employer Identification Number (EIN) as established by the U.S. Internal Revenue Service;

   4. The name of the project and address (or a description of location if no street address is available) of the construction site for which the notification is submitted; and

   5. A certification statement, signed and dated by an authorized representative as defined in Appendix G, Section 11 and the name and title of that authorized representative.

5.3 Where to Submit

A. All NOTs must be submitted to one of the following addresses:

For Regular U.S. Mail Delivery:
EPA Storm Water Notice Processing Center
Mail Code 4203M
U.S. EPA
1200 Pennsylvania Avenue, NW
Washington, DC 20460

For Overnight/Express Mail Delivery:
EPA Storm Water Notice Processing Center
Room 7420
U.S. EPA
1201 Constitution Avenue, NW
Washington, DC 20004

B. In lieu of Subpart 5.3.A, you can submit your NOT to EPA using EPA's electronic system (i.e., eNOI), when available. Check www.epa.gov/npdes/stormwater/cgp for updates.

PART 6: RETENTION OF RECORDS

Copies of the SWPPP and all documentation required by this permit, including records of all data used to complete the NOI to be covered by this permit, must be retained for at least three years from the date that permit coverage expires or is terminated. This period may be extended by request of EPA at any time.

PART 7: REOPENER CLAUSE

7.1 Procedures for Modification or Revocation

Permit modification or revocation will be conducted according to 40 CFR §122.62, §122.63, §122.64 and §124.5.

7.2 Water Quality Protection

If there is evidence indicating that the storm water discharges authorized by this permit cause, have the reasonable potential to cause or contribute to an excursion above any applicable water quality standard, you may be required to obtain an individual permit in accordance with Part 4.5 of this permit, or the permit may be modified to include different limitations and/or requirements.

7.3 Timing of Permit Modification

EPA may elect to modify the permit prior to its expiration (rather than waiting for the new permit cycle) to comply with any new statutory or regulatory requirements, such as for effluent limitation guidelines, that may be promulgated in the course of the current permit cycle.

PART 8: STANDARD PERMIT CONDITIONS

The federal regulations require that the Standard Conditions provisioned at 40 CFR §122.41 be applied to all NPDES permits. You are required to comply with those Standard Conditions, details of which are provided in Appendix G.

PART 9: PERMIT CONDITIONS APPLICABLE TO SPECIFIC STATES, INDIAN COUNTRY, OR TERRITORIES

The provisions of this Part provide modifications or additions to the applicable conditions of this permit to reflect specific additional conditions required as part of the state or tribal CWA Section 401 certification process, or the Coastal Zone Management Act (CZMA) certification process, or as otherwise established by the permitting authority. The specific additional revisions and requirements only apply to activities in those specific states, Indian country, and federal facilities. States, Indian country, and federal facilities not included in this Part do not have any modifications or additions to the applicable conditions of this permit.

State Coastal Zone Management Act (CZMA) certification was not received from Massachusetts in time for that state to be included in this permit. As such, large construction activities in Massachusetts covered under the 1998 CGP will continue to be covered under that permit. EPA will reissue the CGP for Massachusetts for large and small construction activities at a later date, and will include any state-specific modifications or additions as part of the State's CZMA certification process.

A. Region 1

1. MAR100000: Commonwealth of Massachusetts, except Indian country

   a. State Water Quality Statutes, Regulations, and Policies:

      i. You must comply with the Massachusetts Clean Waters Act (Ch. 21, ss. 23-56).

      ii. You must comply with the conditions in 314 CMR 4.00 - Surface Water Quality Standards.

      iii. You must comply with the conditions in 314 CMR 3.00 - Surface Water Discharge Permit Program.

      iv. You must comply with the Wetlands Protection Act, Ch. 131, s. 40 and its regulations, 310 CMR 10.00 and any order of Conditions issued by a Conservation Commission or a Superseding Order of Conditions issued by the Massachusetts Department of Environmental Protection.

   b. Department of Environmental Protection Storm Water Management Policy:

      i. You must comply with the Massachusetts Storm Water Management Policy, March 1997 and applicable Storm Water Performance Standards, as prescribed by state regulations promulgated under the authority of the Massachusetts Clean Waters Act, MGL Ch. 21, ss. 23-56 and the Wetlands Protection Act Ch. 131, s. 40.

   c. Other State Environmental Laws, Regulations, Policies:

      i. You must comply with the Massachusetts Endangered Species Act [MESA] (MGL Ch. 313A and regulations at 321 CMR 10.00) and any actions undertaken to comply with this storm water permit, shall not result in non-compliance with the MESA.

      ii. You must not conduct activities under this permit that will interfere with implementation of mosquito control work conducted in accordance with Chapter 252 including, s. 5A thereunder and DEP Guideline Number BRP G01-02, West Nile Virus Application of Pesticides to Wetland Resource Areas and Buffer Zones, and Public Water Systems.

   d. Other Department Directives:

      i. The Department may require you to perform water quality monitoring during the permit term if monitoring is necessary for the protection of public health or the environment as designated under the authority at 314 CMR 3.00.

      ii. The Department may require you to provide measurable verification of the effectiveness of BMPs and other control measures in your management program, including water quality monitoring.

      iii. The Department has determined that compliance with this permit does not protect you from enforcement actions deemed necessary by the Department under its associated regulations to address an imminent threat to the public health or a significant adverse environmental impact which results in a violation of the Massachusetts Clean Waters Act, Ch. 21, ss. 26-53.

      iv. The Department reserves the right to modify the 401 Water Quality Certification if any changes, modifications or deletions are made to the general permit. In addition, the Department reserves the right to add and/or alter the terms and conditions of its 401 Water Quality Certification to carry out its responsibilities during the term of this permit with respect to water quality, including any revisions to 314 CMR 4.00, Surface Water Quality Standards.

   e. Permit Compliance

      i. Should any violation of the Massachusetts Surface Water Quality Standards (314 CMR 4.00) or the conditions of this certification occur, the Department will direct you to correct the violations(s). The Department has the right to take any action as authorized by the General Laws of the Commonwealth to address the violation of this permit or the MA Clean Waters Act and the regulations promulgated thereunder. Substantial civil and criminal penalties are authorized under MGL Ch. 21, s. 42 for discharging into Massachusetts' waters in violation of an order or permit issued by this Department. This certification does not relieve the you of the duty to comply with other applicable Massachusetts statutes and regulations.

2. NHR100000: State of New Hampshire

   a. If you disturb 100,000 square feet or more of contiguous area, you must also apply for a "Significant Alteration of the Terrain Permit from DES pursuant to RSA 485-A:17 and Env-Ws 415. This requirement

applies to the disturbances of only 50,000 square feet when construction occurs within the protected shoreline (see RSA 483-B and Env-Ws 1400).

b. You must determine that any excavation dewatering discharges are not contaminated before they will be authorized as an allowable non-storm water discharge under this permit (see Subpart 1.3.B). The water is considered uncontaminated if there is no groundwater contamination within 1,000 feet of the discharge. Information on groundwater contamination can be generated over the Internet via the NHDES web site www.des.state.nh.us (One Stop Data Retrieval, Onestop Master Site Table). The web site also provides E-mail access to an NHDES Site Remediation Contact to answer questions about using the Web site.

c. You must treat any uncontaminated excavation dewatering discharges as necessary to remove suspended solids and turbidity. The discharges must be sampled at a location prior to mixing with storm water at least once per week during weeks when discharges occur. The samples must be analyzed for total suspended solids (TSS) and must meet monthly average and maximum daily TSS limitations of 50 milligrams per liter (mg/L) and 100 mg/L, respectively. TSS (a.k.a. Residue, Nonfilterable) analysis and sampling must be performed in accordance with Tables IB (parameter, units and method) and II (required containers, preservation techniques and holding times) in 40 CFR 136.3 (see: http://www.access.gpo.gov/nara/cfr/waisidx_02/40cfr136_02.html). Records of any sampling and analysis must be maintained and kept with the SWPPP for at least three years after final site stabilization.

d. During site design and preparation of the storm water pollution prevention plan (SWPPP), you must consider opportunities for groundwater recharge using on-site infiltration. The SWPPP must include a description of any on-site infiltration that will be installed as a post construction storm water management measure (see Subpart 3.4.E) or reasons for not employing such measures. For design considerations for infiltration measures see the September 2001 DES publication titled "Managing Storm Water as a Valuable Resource" which is available online at: www.des.state.nh.us/StormWater/construction.htm. Loss of annual recharge to groundwater should be minimized through the use of infiltration measures wherever feasible.

B. Region 2

1. NYR10000I: Indian country within the State of New York

St. Regis Mohawk Territory at Akwesasne

a. NOIs shall also be submitted to the St. Regis Mohawk Tribe, Environment Division, at the same time they are submitted to EPA, at the following address:

St. Regis Mohawk Tribe, Environment Division
412 State Route 37
Akwesasne, NY 13655
Attn: Clean Water Program Manager.

b. In addition, Storm Water Pollution Prevention Plans (and any updates or amendments thereto) must be submitted to the Environment Division and to the Tribal Historic Preservation Officer at least thirty (30) days in advance of corresponding Notices of Intent. This will allow the Environment Division and the THPO to make an informed determination as to whether any proposed discharges might adversely impact the quality of its surface or groundwater, or disturb sites of historic or cultural significance to the Tribe that may be listed, or eligible to be listed, on the National Register of Historic Places.

c. Within 10 days of the inspection required under Subpart 3.10.G of this permit, the permittee shall provide a copy of the Inspection Report to the Environment Division.

C. Region 6

1. NMR150000: The State of New Mexico, except Indian country

NOTE: Conditions in the New Mexico Environment Department (NMED) certification of the permit resulted in permit requirements adding further restrictions on eligibility for discharges to Outstanding National Resource Waters (ONRWs), expanding on requirements for pollution prevention plans, and limiting options provided in the permit related to inspection frequency and final stabilization.

a. In addition to all other provisions of this permit, operators who intend to obtain authorization under this permit for all new storm water discharges must satisfy the conditions in Subpart 9.C.1.a.i, unless a TMDL has been established for the receiving stream which specifies a waste load allocation (WLA) for

construction storm water discharges or the receiving stream is a Tier 3 water, in which case Subpart 9.C.1.a.ii applies.

i. The operator must include a Sediment Control Plan (SCP) as a part of the Storm Water Pollution Prevention Plan (SWPPP). The SCP must include site-specific interim and permanent stabilization, managerial, and structural solids, erosion, and sediment control BMPs and/or other controls that are designed to prevent an increase in the sediment yield and flow velocity from pre-construction, undisturbed conditions. This applies to discharges both during construction and after construction operations have been completed. The SCP must identify, and document the rationale for selecting these BMPs and/or other controls. The SCP must also describe design specifications, construction specifications, maintenance schedules (including a long term maintenance plan), criteria for inspections, as well as expected performance and longevity of the BMPs. Using appropriate soil loss prediction models (such as SEDCAD 4.0, RUSLE, SEDIMONT II, MULTISED, etc.), the operator(s) must demonstrate, and include documentation in the SCP, that implementation of the site-specific practices will result in sediment yields that will not be greater than the sediment yield levels from pre-construction, undisturbed conditions. The SCP must be prepared in accordance with good engineering practices and certified by a registered professional engineer. The operator(s) must design, implement, and maintain BMPs in the manner specified in the SCP and the SWPPP.

ii. Operators are not eligible to obtain authorization under this permit for all new storm water discharges to outstanding national resource waters (ONRWs) (also referred to as "Tier 3: waters). According to the Antidegradation Policy at Paragraph 3 of Subsection A of 20.6.4.8 NMAC, in part, "ONRWs may include, but are not limited to, surface waters of the state within national and state monuments, parks, wildlife refuges, waters of exceptional recreational or ecological significance, and waters identified under the Wild and Scenic Rivers Act." No ONRWs exist at the time this permit is being finalized; however, during the term of the permit, if a receiving water is designated as an ONRW, the operator must obtain an individual permit for storm water discharges from large and small construction activities.

b. Storm water discharges associated with industrial activity to Clean Water Act section 303(d) waters as well as all other "waters of the State" that the New Mexico Environment Department, Surface Waters Quality Bureau (SWQB) has determined to be or may reasonably be expected to be contributing to a violation of a water quality standard and/or that do not comply with the applicable anti-degradation provisions of the State's WQS are not authorized by this permit.

Note: Upon receipt of this determination, NMED anticipates that, within a reasonable period of time, EPA will notify the general permittee to apply for and obtain an individual NPDES permit for these discharges per 40 CFR Part 122.28(b)(3).

c. Inspections required under Subpart 3.10 must be conducted at least once every 14 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater. The option for inspections at least once per 7 calendar days is not available. The Inspection Waivers provided in Parts 3.10.B and C still apply.

d. Permittees can not use temporary erosion controls as described in item 3 of the Appendix A definition of "Final Stabilization"as a method for final stabilization under the permit.

e. Signed copies of discharge monitoring reports, individual permit applications, and all other reports required by the permit to be submitted, shall also be sent to:

Program Manager
Point Source Regulation Section
Surface Water Quality Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502

2. NMR15000I: Indian country within the State of New Mexico, except Navajo Reservation Lands that are covered under Arizona permit AZR10000I and Ute Mountain Reservation Lands that are covered under Colorado permit COR10000I

a. *Pueblo of Acoma* The following conditions apply only to discharges on the Pueblo of Acoma.

i. A copy of the storm water pollution prevention plan, Notice of Intent, and Notice of Termination must be submitted to the Haaku Water Office at the address below. The pollution prevention plan must be submitted to the Pueblo at least thirty (30) days in advance of submitting the Notice of Intent to EPA.

HAAKU WATER OFFICE
Pueblo of Acoma
P.O. Box 309
Pueblo of Acoma, NM 87034

b. *Pueblo of Isleta* The following conditions apply only to discharges on the Pueblo of Isleta.

i. Subpart 1.3.C.4, (Eligibility, Limitations on Coverage) first sentence, is revised to read: "This permit does not authorize discharges that EPA or the Pueblo of Isleta, prior to authorization under this permit, determines will cause, have the reasonable potential to cause, or contribute to an excursion above any applicable water quality standard or impairment of a designated use of receiving waters."

ii. Subpart 2.4. (Where to Submit) is amended to add the following section (2.4.C):

C. Copies of all Notices of Intent submitted to EPA must also be sent concurrently to the Pueblo of Isleta at the following address. Discharges are not authorized by this permit unless an accurate and complete Notice of Intent has been submitted to the Pueblo of Islet

Regular U.S. Mail Delivery	OR	Overnight/Express Mail Delivery
Environment Department Pueblo of Isleta P.O. Box 1270 Isleta, NM 87022		Environment Department Building L 11000 Broadway, SE Albuquerque, NM 87105

iii. Part 2 (Authorizations for Discharges of Storm Water from Construction Activity), second sentence, is amended to read: " Discharges are not authorized if your NOI is incomplete or inaccurate, if you failed to submit a copy of the NOI to the Pueblo of Isleta, or if you were never eligible for permit coverage.

iv. Subpart 3.4. (Pollution Prevention Plan Contents: Controls to Reduce Pollutants), section A, last sentence, is amended to read: "For each major activity identified in the project description the SWPPP must clearly describe appropriate control measures, the general sequence during the construction process in which the measures will be implemented, and which operator is responsible for the control measure's implementation and maintenance."

v. Subpart 3.8 (Copy of Permit Requirements), first sentence, is revised to read "Copies of this permit and of the signed and certified NOI form that was submitted to the Pueblo of Isleta and EPA must be included in the SWPPP."

vi. Subpart 3.10.(Inspections), section A is revised to read "Inspections must be conducted at least once every 7 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater."

vii. Subpart 3.10. (Inspections), section G, last paragraph, is amended to add: "Copies of inspection reports that identify incidents of noncompliance shall be sent to Pueblo of Isleta at the address listed in Subpart 2.4.C." (See above)

viii. Subpart 3.12. (Signature, Plan Review and Making Plans Available), section A, first sentence is amended to read: "A copy of the SWPPP (including a copy of the permit) must be retained at the construction site (or other location easily accessible during normal business hours to the Pueblo of Isleta's Environmental Department, EPA, a state, tribal or local agency approving sediment and erosion plans, grading plans, or storm water management plans; local government officials; the operator of a municipal separate storm sewer receiving discharges from the site; and representatives of the U.S. Fish and Wildlife Service or the National Marine Fisheries Service) from the date of commencement of construction activities to the date of final stabilization."

ix. Subpart 3.12. (Signature, Plan Review and Making Plans Available), section C. is amended to read: "SWPPPs must be made available upon request by EPA; representatives of the Pueblo of Isleta Environment Department, a state, tribal or local agency approving sediment and erosion plans, grading plans, or storm water management plans; local government officials; the operator of a municipal separate storm sewer receiving discharges from the site; and representatives of the U.S. Fish and Wildlife Service or the National Marine Fisheries Service to the requestor. The copy of the

SWPPP that is required to be kept on-site or locally available must be made available, in its entirety, to the EPA staff and the Pueblo of Isleta's Environment Department staff for review and copying at the time of an on-site inspection.

x. Subpart 3.13. (Management Practices), section A is amended to add: "Erosion and sediment controls shall be designed to retain sediment on-site."

xi. Subpart 4.3 (Releases in Excess of Reportable Quantities), first bullet is amended to read: "you must provide notice to the Pueblo of Isleta Environment Department (505-869-5748) and the National Response Center (NRC) (800–424–8802; in the Washington, DC, metropolitan area call 202–426–2675) in accordance with the requirements of 40 CFR Part 110, 40 CFR Part 117 and 40 CFR Part 302 as soon as site staff have knowledge of the discharge; and"

xii. Subpart 4.5 (Attainment of Water Quality Standards After Authorization), is amended to add the following fourth bullet:

"You must provide the Pueblo of Isleta, at the address listed in Subpart 2.4.C, with a copy of the EPA notification, the supplemental action plan, data and certification required by EPA."

xiii. Subpart 5.3. (Where to Submit) is amended to add the following section (5.3.C):

C. Copies of all Notices of Termination submitted to EPA must also be sent concurrently to the Pueblo of Isleta at the following address.

Regular U.S. Mail Delivery	OR	Overnight/Express Mail Delivery
Environment Department Pueblo of Isleta P.O. Box 1270 Isleta, NM 87022		Environment Department Building L 11000 Broadway, SE Albuquerque, NM 87105

xiv. Any correspondence, other than NOIs and NOTs, with the Pueblo of Isleta concerning storm water discharges authorized by this permit shall sent one of the addresses in Subpart 5.3.C (see above).

xv. Appendix G, Section 9, first sentence is amended to read:

"You must allow the Pueblo of Isleta's Environment Department, EPA, or an authorized representative (including an authorized contractor acting as a representative of the Administrator), upon presentation of credentials and other documents as may be required by law, to:"

xvi. Appendix G, Section 12, subsections A, B, C, F, G and H are amended to require that when you must notify EPA of an event (e.g., planned changes, anticipated noncompliance, transfers, required reporting due to potential adverse effects or environmental impacts or other noncompliance matters), the Pueblo of Isleta must also be notified.

xvii. Parties wishing to apply for an Equivalent Analysis Waiver (see Appendix D, Section C) must provide a copy of the waiver analysis to the Pueblo of Isleta at the address specified in Subpart 5.3.C (See above) at the time it is submitted to EPA.

c. *Pueblo of San Juan.* The following conditions apply only to discharges on the Pueblo of San Juan.

i. Copies of the Notice of Intent (NOI) and Notice of Termination (NOT) must be provided to the Pueblo at the time it is provided to the Environmental Protection Agency, at the following address:

Office of Environmental Affairs
Pueblo of San Juan
P.O. Box 717
San Juan, NM 87566

ii. Appendix G, Section 10 (Monitoring and records), item D is amended to add:

"All monitoring must be conducted in accordance with the Pueblo of San Juan's Quality Assurance Project Plan."

d. *Pueblo of Sandia.* The following conditions apply only to discharges on the Pueblo of Sandia.

i. Copies of the Notice of Intent (NOI) and Notice of Termination (NOT) must be provided to the Pueblo at the same time it is submitted to the Environmental Protection Agency.

Environment Department
Pueblo of Sandia
Box 6008
Bernalillo, NM 87004

ii. The Storm Water Pollution Prevention Plan must be available to tribal environmental personnel upon request.

iii. You must telephone the Pueblo of Sandia Environment Department at (505) 867-4533 of any noncompliance that may endanger human health or the environment within ten (10) hours of becoming aware of the circumstance.

e. *Santa Clara Pueblo.* The following conditions apply only to discharges on the Santa Clara Pueblo.

i. Copies of the Notice of Intent (NOI) and Notice of Termination (NOT) must be provided to the Santa Clara Pueblo Office of Environmental Affairs at the same time it is submitted to the Environmental Protection Agency.

Santa Clara Pueblo
Office of Environmental Affairs
One Knee Street
P.O. Box 580
Espanola, NM 87532

f. *Pueblo of Tesuque* The following conditions apply only to discharges on the Pueblo of Tesuque.

i. A copy of the storm water pollution prevention plan, Notice of Intent, and Notice of Termination must be submitted to the Pueblo of Tesuque Environment Department at the address below. The Notice of Intent and the Notice of Termination must be submitted at the same time they are submitted to EPA. The pollution prevention plan must be submitted before the project begins. Phone: 505- 983-2667 FAX: 505-982-2331

Pueblo of Tesuque
Environment Department
Rt. 42, Box 360-T
Santa Fe, NM 87506

3. OKR15000F: Discharges in the State of Oklahoma that are not under the authority of the Oklahoma Department of Environmental Quality, including activities associated with oil and gas exploration, drilling, operations, and pipelines (includes SIC Groups 13 and 46, and SIC codes 492 and 5171), and point source discharges associated with agricultural production, services, and silviculture (includes SIC Groups 01, 02, 07, 08, 09).

a. Subpart 1.3.C. (Limitations on Coverage) is modified to add paragraphs 8 and 9 as follows:

"8. For activities located within the watershed of any Oklahoma Scenic River, including the Illinois River, Flint Creek, Barren Fork Creek, Upper Mountain Fork, Little Lee Creek, and Big Lee Creek or an water or watershed designated "ORW" (Outstanding Resource Water) in Oklahoma's Water Quality Standards, this permit may only be used to authorize discharges from temporary construction activities. Discharges from ongoing activities such as sand and gravel mining or any other mineral mining are not authorized.

9. Activities located within the watershed of any Oklahoma Scenic River, including the Illinois River, Flint Creek, Barren Fork Creek, Upper Mountain Fork, Little Lee Creek, and Big Lee Creek or an water or watershed designated "ORW" (Outstanding Resource Water) in Oklahoma's Water Quality Standards, this permit may not be used to authorize discharges from concrete or asphalt batch plants."

D. Region 8

1. MTR10000I: Indian country within the State of Montana

a. Confederated Salish and Kootenai Tribes of the Flathead Nation. The following conditions apply only for projects on the Flathead Indian Reservation:

i. The permittee must send the SWPPP to the Tribes at least 30 days before construction starts. The 30 day period will give Tribal staff time to become familiar with the project site, prepare for construction inspections and determine compliance with Tribal water quality standards, as required by the Tribe's Water Quality Management Ordinance 89B (1990) and Surface Water Quality Standards & Antidegradation Policy (1995). Copies of the SWPPP should be sent to the following address:

Confederated Salish and Kootenai Tribes
Natural Resources Department
Department Head
P.O. Box 278
Pablo, MT 59855

ii. Before submitting the Notice of Termination, permittees must clearly demonstrate to an appointed tribal staff person during an on-site inspection that requirements for site stabilization have been met and all temporary erosion control structures removed. The staff person performing the on-site inspection will be determined by the Environmental Protection Division Manager. The staff person will draft a short letter stating the stabilization requirements have been met to add to the permittees Notice of Termination submission to EPA.

iii. The permittee must send a copy of the Notice of Intent (NOI) and the Notice of Termination (NOT) to the Tribes at the same time that the NOI and NOT is sent to EPA. Copies of the NOI and NOT should be sent to the address above.

b. Fort Peck Tribes - Assiniboine & Sioux. The following conditions apply only for projects within the Fort Peck Indian Reservation:

i. The permittee must send a copy of the Notice of Intent (NOI) and the Notice of Termination (NOT) to the Tribes at the same time that the NOI and NOT is sent to EPA. Copies of the NOI and NOT should be sent to the following address:

Deb Madison
Environmental Program Manager
Fort Peck Assiniboine & Sioux Tribes
P.O. Box 1027
Poplar, MT 59255

E. Region 9

1. ASR100000: The Island of American Samoa

a. Discharges authorized by the general permit shall meet all applicable American Samoa water quality standards.

b. Permittees discharging under the general permit shall comply with all conditions of the permit.

2. AZR10000I: Indian country lands within the State of Arizona, including Navajo Reservation lands in New Mexico and Utah

a. White Mountain Apache Tribe. The following condition applies only for projects on the White Mountain Apache Reservation: All NOIs for proposed storm water discharge coverage shall be provided to the following address:

Tribal Environmental Planning Office
P.O. Box 2109
Whiteriver, AZ 85941

3. NIR100000: Commonwealth of the Northern Mariana Islands (CNMI)

a. An Earthmoving and Erosion Control Permit shall be obtained from the CNMI DEQ prior to any construction activity covered under the NPDES general permit.

b. All conditions and requirements set forth in the USEPA NPDES general permit for discharges from large and small construction must be complied with.

c. A SWPPP for storm water discharges from construction activity must be approved by the Director of the CNMI DEQ prior to the submission of the NOI to USEPA. The CNMI address for the submittal of the SWPPP for approval is:

Commonwealth of the Northern Mariana Islands
Office of the Governor
Director, Division of Environmental Quality (DEQ)
P.O. Box 501304 C.K.
Saipan, MP 96950-1304

d. An NOI to be covered by the general permit for discharges from large and small construction sites must be submitted to CNMI DEQ (use above address) and USEPA, Region 9, in the form prescribed by USEPA, accompanied by a SWPPP approval letter from CNMI DEQ.

e. The NOI must be postmarked seven (7) calendar days prior to any storm water discharges and a copy must be submitted to the Director of CNMI DEQ (use above address) no later than seven (7) calendar days prior to any stormwater discharges.

f. Copies of all monitoring reports required by the NPDES general permit must be submitted to CNMI DEQ (use above address).

g. In accordance with section 10.3(h) and (i) of the CNMI water quality standards, CNMI DEQ reserves the right to deny coverage under the general permit and to require submittal of an application for an individual NPDES permit based on a review of the NOI or other information made available to the Director.

F. Region 10

1. AKR100000: The State of Alaska, except Indian country

a. Operators of construction projects disturbing five or more acres occurring outside the Municipality of Anchorage must submit a copy of the Storm Water Pollution Prevention Plan (SWPPP) and a copy of the Notice of Intent (NOI) to the State of Alaska Department of Environmental Conservation (ADEC) for review, and shall be accompanied by the state-required fee of $400. Submittal of the SWPPP and the NOI to the ADEC should be made at the same time the NOI is submitted to the EPA.

b. Operators of publicly-funded projects disturbing five or more acres occurring within the Municipality of Anchorage must submit a copy of the SWPPP and a copy of the NOI to the ADEC for review, and shall be accompanied by the state-required fee of $400. Submittal of the SWPPP and the NOI to the ADEC should be made at the same time the NOI is submitted to the EPA.

c. Operators of construction projects disturbing at least one acre and less than five acres must submit a copy of the NOI to the ADEC at the same time it is submitted to the EPA.

d. Storm Water Pollution Prevention Plans and Notices of Intent must be submitted to ADEC at the following address:

Alaska Department of Environmental Conservation
Water Quality Permitting/Storm Water
555 Cordova Street
Anchorage, Alaska 99501

e. Operators of private construction projects disturbing one or more acres within the Municipality of Anchorage shall submit a copy of the Storm Water Pollution Prevention Plan to the Municipality at the following address:

Municipality of Anchorage, Office of Planning Development and Public Works
4700 S. Bragaw Street
P.O. Box 196650
Anchorage, Alaska 99519-6650

f. Submittal of the SWPPP to the Municipality of Anchorage should be made before or at the same time the NOI is submitted to the EPA and the ADEC and shall be accompanied by any Municipality-required fee.

2. IDR100000: The State of Idaho, except Indian country

   a. Any construction related storm water discharges to impaired water bodies on Idaho's Clean Water Act (CWA) Section 303(d) list with EPA-approved Total Maximum Daily Loads (TMDL) must be consistent with any load allocations established by the applicable TMDL.

   b. No net increase of listed pollutants is allowed in any construction related storm water discharges to an impaired water body considered "high priority" as included on Idaho's CWA Section 303(d) list that does not yet have an EPA-approved TMDL.

   c. If a TMDL has not been established for an impaired water body considered "medium priority" or "low priority" as included on Idaho's CWA Section 303(d) list, BMPs shall be employed as necessary to prohibit further impairment of the designated or existing beneficial uses.

   d. Only BMPs authorized by the appropriate designated agency as defined in the Idaho Water Quality Standards and Wastewater Treatment Requirements (IDAPA 58.01.02 et seq.), or otherwise approved by the Idaho Department of Environmental Quality, will be allowed.

   e. Use of the "Equivalent Analysis Waiver" in Addendum D is not authorized.

   f. Operators may contact the Idaho Department of Environmental Quality regional office nearest the construction activity for more information about impaired waterways:

Boise Regional Office:
1445 N. Orchard
Boise ID 83706-2239
Tel: (208)373-0550
Fax: (208)373-0287

Grangeville Satellite Office:
300 W. Main
Grangeville ID 83530
Tel: (208)983-0808
Fax: (208)983-2873

Pocatello Regional Office:
444 Hospital Way #300
Pocatello ID 83201
Tel: (208)236-6160
Fax: (208)236-6168

Cascade Satellite Office:
109 N. Main St., PO Box 247
Cascade, ID 83611
Tel: (208)382-6808
Fax: (208)382-3327

Idaho Falls Regional Office:
900 N. Skyline, Suite B
Idaho Falls, ID 83402
Tel: (208)528-2650
Fax: (208)528-2695

Twin Falls Regional Office:
601 Pole Line Road, Suite 2
Twin Falls, ID 83301
Tel: (208)736-2190
Fax: (208)736-2194

Coeur d'Alene Regional Office:
2110 Ironwood Parkway
Coeur d'Alene ID 83814
Tel: (208)769-1422
Fax: (208)769-1404

Lewiston Regional Office:
1118 "F" Street
Lewiston, ID 83501
Tel: (208)799-4370
Toll Free: 1-877-541-3304
Fax: (208)799-3451

3. ORR10000I: Indian country within the State of Oregon, except Fort McDermitt Reservation lands (see Region 9):

   a. Confederated Tribes of the Umatilla Indian Reservation. The following conditions apply only for projects within the exterior boundaries of the Umatilla Indian Reservation:

      i. The operator shall be responsible for achieving compliance with the Confederated Tribes of the Umatilla Indian Reservation's (CTUIR) Water Quality Standards.

      ii. The operator shall submit all Erosion Control and/or Storm Water Pollution Prevention Plans to the CTUIR Water Resources Program for review and approval by the Department of Natural Resources Director prior to submitting the Notice of Intent to EPA and prior to beginning any discharge activities.

      iii. The operator shall contact the CTUIR Tribal Historic Preservation Office (THPO) prior to beginning any construction activities to determine whether a cultural resource survey of the project area or other investigation is required. All cultural resource fieldwork must be conducted by qualified personnel and documented using Oregon Reporting Standards. The resulting report must be submitted to the THPO for concurrence at least 30 days before any ground disturbing work can occur at the site. The operator must obtain THPO concurrence in the form of a letter, which (if necessary) will include any measures that must be taken to prevent or mitigate adverse effects to potentially eligible historic properties, prior to any ground disturbing work.

      iv. The operator shall submit copies of the Notice of Intent to the CTUIR Water Resources Program and the CTUIR Tribal Historic Preservation Office at the same time it is submitted to EPA.

v. Erosion Control and Storm Water Pollution Prevention Plans and Notices of Intent shall be submitted to:

Confederated Tribes of the Umatilla Indian Reservation
Water Resources Program
P.O. Box 638
Pendleton, OR 97801
(541) 276-3447

Confederated Tribes of the Umatilla Indian Reservation
Cultural Resources Protection Program
Tribal Historic Preservation Office
P.O. Box 638
Pendleton, OR 97801
(541) 276-3629

b. Confederated Tribes of Warm Springs. The following conditions apply only for projects on the Warm Springs Indian Reservation:

i. All activities covered by this NPDES general permit occurring within a designated riparian buffer zone as established in Ordinance 74 (Integrated Resource Management Plan or IRMP) must be reviewed, approved and permitted through the Tribe's Hydraulic Permit Application process, including payment of any applicable fees.

ii. All activities covered by this NPDES general permit must follow all applicable land management and resource conservation requirements specified in the IRMP.

iii. Operators of activities covered by this NPDES general permit must submit a Storm Water Pollution Prevention Plan to the Tribe's Water Control Board at the following address for approval at least 30 days prior to beginning construction activity:

Chair, Warm Springs Water Control Board
P.O. Box C
Warm Springs, Oregon 97761

4. WAR10000F: Federal Facilities in the State of Washington, except those located on Indian Country

The following conditions apply to stormwater discharges from all permitted construction sites which disturb one acre or more and which discharge to surface waters (40 CFR part 122.26(b)(14)(x) and 122.26 (b)(15)):

a. Discharges must not cause or contribute to a violation of surface water quality standards (Chapter 173-201A WAC), sediment management standards (Chapter 173-204 WAC), ground water quality standards (Chapter 173-200 WAC), and human health-based criteria in the National Toxics Rule (Federal Register, Vol. 57, No. 246, Dec. 22, 1992, pages 60848-60923). Discharges that are not in compliance with these standards are not authorized.

b. You must apply all known available and reasonable methods of prevention, control and treatment (AKART), including the preparation and implementation of an adequate Stormwater Pollution Prevention Plan (SWPPP), with all appropriate BMPs installed and maintained in accordance with the SWPPP and the terms and conditions of this permit.

c. Stormwater BMPs must be properly designed, constructed, maintained and operated to:

i. Prevent pollution of state waters and protect water quality, including compliance with applicable state water quality standards;

ii. Satisfy state requirements for all known available and reasonable methods of prevention, control and treatment (AKART) of wastes (including construction stormwater runoff) prior to discharge to waters of the state; and

iii. Satisfy the federal technology-based treatment requirements under 40 CFR part 125.3.

d. You must document the technical basis for the design criteria used to select and design your stormwater management BMPs. You must document within your Stormwater Pollution Prevention Plan (SWPPP) how stormwater BMPs were selected, the pollutant removal performance expected from the BMP being selected, the technical basis (scientific, technical studies, and/or modeling) which support the performance claims for the BMPs being selected, and an assessment of how the selected BMP will

comply with state water quality standards, satisfy the state AKART requirements, and satisfy the federal technology-based treatment requirements.

If you choose to follow the stormwater management practices contained in stormwater technical manuals approved by Washington State, including the proper selection, implementation and maintenance of appropriate BMPs, you are presumed to have satisfied this demonstration requirement and do not need to include within the SWPPP the technical basis which support the performance claims for the BMPs being used. The SWPPP must include a reference to the manual used. Approved stormwater technical manuals include:

i. Stormwater Management Manual for Western Washington, August 2001, for sites west of the crest of the Cascade Mountains;

ii. Stormwater Management Manual for Eastern Washington, (completion expected in the fall of 2003) for sites east of the crest of the Cascade Mountains; or

iii. Other equivalent stormwater management guidance documents approved by Ecology.

e. Stormwater discharges from construction sites which disturb 5 acres or more (40 CFR part 122.26(b)(14)(x)) and which discharge to surface waters listed as impaired by the state under Section 303(d) of the Clean Water Act for turbidity, fine sediment, high pH, and/or phosphorus are subject to an effluent limitation that is equal to the applicable water quality standards at the point of discharge. If impairment is due to turbidity and/or fine sediment, the turbidity at the point of discharge shall not exceed the background (upstream) turbidity of the receiving water.

i. Effluent limitations apply to direct discharges to listed waterbodies as well as indirect discharges via a stormwater conveyance system.

ii. All references and requirements associated with Section 303(d) of the Clean Water Act shall use the most current listing by Ecology of impaired waters that exists at the time of application for coverage under this permit

f. Stormwater discharges from construction sites which disturb 5 acres or more (40 CFR part 122.26(b)(14)(x)) and which discharge to surface waters for which there is a total maximum daily load (TMDL) allocation or other control plan that addresses sediment (including turbidity, fine sediment, total suspended solids or siltation), high pH, or phosphorus must be consistent with the requirements in the approved TMDL or applicable control plan. Control plans may be total maximum daily load (TMDL) determinations, restrictions for the protection of endangered species, ground water management plans, or other limitations that regulate or set limits on discharges to a specific waterbody or groundwater recharge area.

Information on impaired waterways is available from the Department of Ecology web site at: http://www.ecy.wa.gov/programs/wq/stormwater. You may also contact the Department of Ecology for more information about impaired waterways at:

Mailing Address:
Department of Ecology
Stormwater Unit
PO Box 47600
Olympia, WA 98504-7600
Phone: 360-407-6000

Physical Address:
Department of Ecology
300 Desmond Drive
Lacey, WA 98503
Phone: 360-407-6000

5. WAR10000I: Indian country within the State of Washington

a. Puyallup Tribe of Indians. The following conditions apply only for projects on the Puyallup Reservation:

i. Each operator shall be responsible for achieving compliance with the Puyallup Tribe's Water Quality Standards.

ii. Each operator shall submit all Pollution Prevention Plans to the Puyallup Tribe Environmental Department for review and approval prior to beginning any discharge activities.

iii. Each operator shall submit a copy of the Notice of Intent to the Puyallup Tribal Environmental Department at the same time it is submitted to EPA.

iv. Storm Water Pollution Prevention Plans and Notices of Intent shall be submitted to:

Puyallup Tribe Natural Resources, Environmental Department
1850 Alexander Avenue
Tacoma, WA 98421

b. Confederated Tribes of the Chehalis Reservation. The following conditions apply only for projects on the Chehalis Reservation:

i. The operator shall be responsible for achieving compliance with the Chehalis Tribe's Water Quality Standards.

ii. The operator shall submit a Storm Water Pollution Prevention Plan to the Chehalis Tribe Department of Natural Resources for review and approval at least thirty (30) days prior to beginning any discharge activities.

iii. The operator shall submit a copy of the Notice of Intent to the Chehalis Tribe Department of Natural Resources at the same time it is submitted to EPA.

iv. Storm Water Pollution Prevention Plans and Notices of Intent shall be submitted to:

Chehalis Tribe Department of Natural Resources
420 Howanut Road
Oakville, WA 98568

Appendix A - Definitions and Acronyms

Definitions

"Arid Areas" means areas with an average annual rainfall of 0 to 10 inches.

"Best Management Practices" (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to waters of the United States. BMPs also include treatment requirements, operating procedures, and practice to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

"Commencement of Construction Activities" means the initial disturbance of soils associated with clearing, grading, or excavating activities or other construction-related activities (e.g., stockpiling of fill material).

"Control Measure" as used in this permit, refers to any BMP or other method used to prevent or reduce the discharge of pollutants to waters of the United States.

"CWA" means the Clean Water Act or the Federal Water Pollution Control Act, 33 U.S.C. section 1251 et seq.

"Discharge" when used without qualification means the "discharge of a pollutant."

"Discharge of Storm Water Associated with Construction Activity" as used in this permit, refers to a discharge of pollutants in storm water from areas where soil disturbing activities (e.g., clearing, grading, or excavation), construction materials or equipment storage or maintenance (e.g., fill piles, borrow area, concrete truck washout, fueling), or other industrial storm water directly related to the construction process (e.g., concrete or asphalt batch plants) are located.

"Eligible" means qualified for authorization to discharge storm water under this general permit.

"Facility" or "Activity" means any "point source" or any other facility or activity (including land or appurtenances thereto) that is subject to regulation under the NPDES program.

"Federal Facility" means any buildings, installations, structures, land, public works, equipment, aircraft, vessels, and other vehicles and property, owned by, or constructed or manufactured for the purpose of leasing to, the Federal government.

"Final Stabilization" means that:

1. All soil disturbing activities at the site have been completed and either of the two following criteria are met:
   a. a uniform (e.g,, evenly distributed, without large bare areas) perennial vegetative cover with a density of 70 percent of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or
   b. equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.
2. When background native vegetation will cover less than 100 percent of the ground (e.g., arid areas, beaches), the 70 percent coverage criteria is adjusted as follows: if the native vegetation covers 50 percent of the ground, 70 percent of 50 percent (0.70 X 0.50 = 0.35) would require 35 percent total cover for final stabilization. On a beach with no natural vegetation, no stabilization is required.
3. In arid and semi-arid areas only, all soil disturbing activities at the site have been completed and both of the following criteria have been met:
   a. Temporary erosion control measures (e.g., degradable rolled erosion control product) are selected, designed, and installed along with an appropriate seed base to provide erosion control for at least three years without active maintenance by you,
   b. The temporary erosion control measures are selected, designed, and installed to achieve 70 percent vegetative coverage within three years.
4. For individual lots in residential construction, final stabilization means that either:
   a. The homebuilder has completed final stabilization as specified above, or

b. The homebuilder has established temporary stabilization including perimeter controls for an individual lot prior to occupation of the home by the homeowner and informing the homeowner of the need for, and benefits of, final stabilization.

5. For construction projects on land used for agricultural purposes (e.g., pipelines across crop or range land, staging areas for highway construction, etc.), final stabilization may be accomplished by returning the disturbed land to its preconstruction agricultural use. Areas disturbed that were not previously used for agricultural activities, such as buffer strips immediately adjacent to "water of the United States," and areas which are not being returned to their preconstruction agricultural use must meet the final stabilization criteria (1) or (2) or (3) above.

"Indian country" is defined at 40 CFR §122.2 to mean:

1. All land within the limits of any Indian reservation under the jurisdiction of the United States Government, notwithstanding the issuance of any patent, and, including rights-of-way running through the reservation;
2. All dependent Indian communities with the borders of the United States whether within the originally or subsequently acquired territory thereof, and whether within or without the limits of a state; and
3. All Indian allotments, the Indian titles to which have not been extinquished, including rights-of-ways running through the same.

"Large Construction Activity" is defined at 40 CFR §122.26(b)(14)(x) and incorporated here by reference. A large construction activity includes clearing, grading, and excavating resulting in a land disturbance that will disturb equal to or greater than five acres of land or will disturb less than five acres of total land area but is part of a larger common plan of development or sale that will ultimately disturb equal to or greater than five acres. Large construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the site.

"Municipal Separate Storm Sewer System" or "MS4" is defined at 40 CFR §122.26(b)(8) to mean a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains):

1. Owned and operated by a state, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the CWA that discharges to waters of the United States;
2. Designed or used for collecting or conveying storm water;
3. Which is not a combined sewer; and
4. Which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR §122.2.

"New Project" means the "commencement of construction activities" occurs after the effective date of this permit.

"Ongoing Project" means the "commencement of construction activities" occurs before the effective date of this permit.

"Operator" for the purpose of this permit and in the context of storm water associated with construction activity, means any party associated with a construction project that meets either of the following two criteria:

1. The party has operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; or
2. The party has day-to-day operational control of those activities at a project which are necessary to ensure compliance with a SWPPP for the site or other permit conditions (e.g., they are authorized to direct workers at a site to carry out activities required by the SWPPP or comply with other permit conditions). This definition is provided to inform permittees of EPA's interpretation of how the regulatory definitions of "owner or operator" and "facility or activity" are applied to discharges of storm water associated with construction activity.

"Owner or operator" means the owner or operator of any "facility or activity" subject to regulation under the NPDES program.

"Permitting Authority" means the United States Environmental Protection Agency, EPA, a Regional Administrator of the Environmental Protection Agency or an authorized representative.

"Point Source" means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural storm water runoff.

"Pollutant" is defined at 40 CFR §122.2. A partial listing from this definition includes: dredged spoil, solid waste, sewage, garbage, sewage sludge, chemical wastes, biological materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt, and industrial or municipal waste.

"Project Area" means:

- The areas on the construction site where storm water discharges originate and flow toward the point of discharge into the receiving waters (including areas where excavation, site development, or other ground disturbance activities occur) and the immediate vicinity. (Example: 1. Where bald eagles nest in a tree that is on or bordering a construction site and could be disturbed by the construction activity or where grading causes storm water to flow into a small wetland or other habitat that is on the site that contains listed species.)
- The areas where storm water discharges flow from the construction site to the point of discharge into receiving waters. (Example: Where storm water flows into a ditch, swale, or gully that leads to receiving waters and where listed species (such as amphibians) are found in the ditch, swale, or gully.)
- The areas where storm water from construction activities discharge into receiving waters and the areas in the immediate vicinity of the point of discharge. (Example: Where storm water from construction activities discharges into a stream segment that is known to harbor listed aquatic species.)
- The areas where storm water BMPs will be constructed and operated, including any areas where storm water flows to and from BMPs. (Example: Where a storm water retention pond would be built.)
- The areas upstream and /or downstream from construction activities discharges into a stream segment that may be affected by the said discharges. (Example: Where sediment discharged to a receiving stream settles downstream and impacts a breeding area of a listed aquatic species.)

"Receiving water" means the "Water of the United States" as defined in 40 CFR §122.2 into which the regulated storm water discharges.

"Runoff coefficient" means the fraction of total rainfall that will appear at the conveyance as runoff.

"Semi-Arid Areas" means areas with an average annual rainfall of 10 to 20 inches.

"Site" means the land or water area where any "facility or activity" is physically located or conducted, including adjacent land used in connection with the facility or activity.

"Small Construction Activity" is defined at 40 CFR §122.26(b)(15) and incorporated here by reference. A small construction activity includes clearing, grading, and excavating resulting in a land disturbance that will disturb equal to or greater than one (1) acre and less than five (5) acres of land or will disturb less than one (1) acre of total land area but is part of a larger common plan of development or sale that will ultimately disturb equal to or greater than one (1) acre and less than five (5) acres. Small construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the site.

"Storm Water" means storm water runoff, snow melt runoff, and surface runoff and drainage.

"Storm Water Discharge-Related Activities" as used in this permit, include: activities that cause, contribute to, or result in storm water point source pollutant discharges, including but not limited to: excavation, site development, grading and other surface disturbance activities; and measures to control storm water including the siting, construction and operation of BMPs to control, reduce or prevent storm water pollution.

"Total Maximum Daily Load" or "TMDL" means the sum of the individual wasteload allocations (WLAs) for point sources and load allocations (LAs) for nonpoint sources and natural background. If a receiving water has only one point source discharger, the TMDL is the sum of that point source WLA plus the LAs for any nonpoint sources of pollution and natural background sources, tributaries, or adjacent segments. TMDLs can be expressed in terms of either mass per time, toxicity, or other appropriate measure.

"Waters of the United States" is as defined at 40 CFR §122.2.

"Wetland" means those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

ACRONYMS

BMP - Best Management Practices

CGP - Construction General Permit

CFR - Code of Federal Regulations

CWA - Clean Water Act

EPA - United States Environmental Protection Agency

ESA - Endangered Species Act

FWS - United States Fish and Wildlife Service

MS4 - Municipal Separate Storm Sewer System

MSGP - Multi-Sector General Permit

NHPA - National Historic Preservation Act

NMFS - United States National Marine Fisheries Service

NOI - Notice of Intent

NOT - Notice of Termination

NPDES - National Pollutant Discharge Elimination System

POTW - Publicly Owned Treatment Works

SHPO - State Historic Preservation Officer

SWPPP - Storm Water Pollution Prevention Plan

THPO - Tribal Historic Preservation Officer

TMDL - Total Maximum Daily Load

WQS - Water Quality Standard

Appendix B - Permit Areas Eligible for Coverage

Permit coverage for storm water discharges from construction activity occurring within the following areas is provided by legally separate and distinctly numbered permits:

1. EPA Region 1: CT, MA, ME, NH, RI, VT

US EPA, Region 01
Office of Ecosystem Protection
NPDES Storm Water Program
1 Congress St, Suite 1100 (CMU)
Boston, MA 02114-2023

The States of Connecticut, Maine, Rhode Island, and Vermont are the NPDES Permitting Authority for the majority of discharges within their respective states.

Permit No.	Areas of Coverage/Where EPA is Permitting Authority
MAR100000	Commonwealth of Massachusetts (except Indian country)
MAR10000I	Indian country within the State of Massachusetts
CTR10000I	Indian country within the State of Connecticut
NHR100000	State of New Hampshire
RIR10000I	Indian country within the State of Rhode Island
VTR10000F	Federal Facilities in the State of Vermont

2. EPA Region 2: NJ, NY, PR, VI

For NJ, NY, and VI:

US EPA, Region 02
NPDES Storm Water Program
290 Broadway, 24th Floor
New York, NY 10007-1866

For PR:

US EPA, Region 02
Caribbean Environmental Protection Division
NPDES Storm Water Program
1492 Ponce de Leon Ave
Central Europa Building, Suite 417
San Juan, PR 00907-4127

The State of New York is the NPDES Permitting Authority for the majority of discharges within its state. The State of New Jersey and the Virgin Islands are the NPDES Permitting Authority for all discharges within their respective states.

Permit No.	Areas of Coverage/Where EPA is Permitting Authority
NYR10000I	Indian country within the State of New York
PRR100000	The Commonwealth of Puerto Rico

3. EPA Region 3: DE, DC, MD, PA, VA, WV

US EPA, Region 03
NPDES Storm Water Program
1650 Arch St
Philadelphia, PA 19103

The State of Delaware is the NPDES Permitting Authority for the majority of discharges within its state. Maryland, Pennsylvania, Virginia, and West Virginia are the NPDES Permitting Authority for all discharges within their respective states.

Permit No.	Areas of Coverage/Where EPA is Permitting Authority
DCR100000	The District of Columbia
DER10000F	Federal Facilities in the State of Delaware

4. EPA Region 4: AL, FL, GA, KY, MS, NC, SC, TN

US EPA, Region 04
Water Management Division
NPDES Storm Water Program
61 Forsyth St SW
Atlanta, GA 30303-3104

Coverage Not Available. Construction activities in Region 4 must obtain permit coverage under an alternative permit.

5. EPA Region 5: IL, IN, MI, MN, OH, WI

US EPA, Region 05
NPDES & Technical Support
NPDES Storm Water Program
77 W Jackson Blvd
(WN-16J)
Chicago, IL 60604-3507

The States of Michigan, Minnesota, and Wisconsin are the NPDES Permitting Authority for the majority of discharges within their respective states. The States of Illinois, Indiana, and Ohio are the NPDES Permitting Authorities for all discharges within their respective states.

Permit No.	Areas of coverage/where EPA is Permitting Authority
MIR10000I	Indian country within the State of Michigan
MNR10000I	Indian country within the State of Minnesota
WIR10000I	Indian country within the State of Wisconsin, except the Sokaogon Chippewa (Mole Lake) Community.

6. EPA Region 6: AR, LA, OK, TX, NM (except see Region 9 for Navajo lands, and see Region 8 for Ute Mountain Reservation lands)

US EPA, Region 06
NPDES Storm Water Program
1445 Ross Ave, Suite 1200
Dallas, TX 75202-2733

The States of Louisiana, Oklahoma, and Texas are the NPDES Permitting Authority for the majority of discharges within their respective state. The State of Arkansas is the NPDES Permitting Authority for all discharges within its respective state.

Permit No.	Areas of coverage/where EPA is Permitting Authority
LAR15000I	Indian country within the State of Louisiana
NMR150000	The State of New Mexico, except Indian country
NMR15000I	Indian country within the State of New Mexico, except Navajo Reservation Lands that are covered under Arizona permit AZR10000I and Ute Mountain Reservation Lands that are covered under Colorado permit COR10000I.
OKR15000I	Indian country within the State of Oklahoma
OKR15000F	Discharges in the State of Oklahoma that are not under the authority of the Oklahoma Department of Environmental Quality, including activities associated with with oil and gas exploration, drilling, operations, and pipelines (includes SIC Groups 13 and 46, and SIC codes 492 and 5171), and point source discharges associated with agricultural production, services, and silviculture (includes SIC Groups 01, 02, 07, 08, 09).
TXR15000F	Discharges in the State of Texas that are not under the authority of the Texas Commission on Environmental Quality (formerly TNRCC), including activities associated with the exploration, development, or production of oil or gas or geothermal resources, including transportation of crude oil or natural gas by pipeline.
TXR15000I	Indian country within the State of Texas.

7. EPA Region 7: IA, KS, MO, NE (except see Region 8 for Pine Ridge Reservation Lands)

US EPA, Region 07
NPDES Storm Water Program
901 N 5th St
Kansas City, KS 66101

The States of Iowa, Kansas, and Nebraska are the NPDES Permitting Authority for the majority of discharges within their respective states. The State of Missouri is the NPDES Permitting Authority for all discharges within its state.

Permit No.	Areas of coverage/where EPA is Permitting Authority
IAR10000I	Indian country within the State of Iowa
KSR10000I	Indian country within the State of Kansas
NER10000I	Indian country within the State of Nebraska, except Pine Ridge Reservation lands (see Region 8)

8. EPA Region 8: CO, MT, ND, SD, WY, UT (except see Region 9 for Goshute Reservation and Navajo Reservation Lands), the Ute Mountain Reservation in NM, and the Pine Ridge Reservation in NE.

US EPA, Region 08
NPDES Storm Water Program
999 18th St, Suite 300
(EPR-EP)
Denver, CO 80202-2466

The States of Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming are the NPDES Permitting Authority for the majority of discharges within their respective states.

Permit No.	Areas of coverage/where EPA is Permitting Authority
COR10000F	Federal Facilities in the State of Colorado, except those located on Indian country
COR10000I	Indian country within the State of Colorado, as well as the portion of the Ute Mountain Reservation located in New Mexico
MTR10000I	Indian country within the State of Montana
NDR10000I	Indian country within the State of North Dakota, as well as that portion of the Standing Rock Reservation located in South Dakota (except for the portion of the lands within the former boundaries of the Lake Traverse Reservation which is covered under South Dakota permit SDR10000I listed below)
SDR10000I	Indian country within the State of South Dakota, as well as the portion of the Pine Ridge Reservation located in Nebraska and the portion of the lands within the former boundaries of the Lake Traverse Reservation located in North Dakota (except for the Standing Rock Reservation which is covered under North Dakota permit NDR10000I listed above)
UTR10000I	Indian country within the State of Utah, except Goshute and Navajo Reservation lands (see Region 9)
WYR10000I	Indian country within the State of Wyoming

9. EPA Region 9: CA, HI, NV, Guam, American Samoa, the Commonwealth of the Northern Mariana Islands, the Goshute Reservation in UT and NV, the Navajo Reservation in UT, NM, and AZ, the Duck Valley Reservation in ID, and the Fort McDermitt Reservation in OR.

US EPA, Region 09
NPDES Storm Water Program
75 Hawthorne St
San Francisco, CA 94105-3901

The States of Arizona, California and Nevada are the NPDES Permitting Authority for the majority of discharges within their respective states. The State of Hawaii is the NPDES Permitting Authority for all discharges within its state.

Permit No.	Areas of coverage/where EPA is Permitting Authority
ASR100000	The Island of American Samoa
AZR10000I	Indian country within the State of Arizona, as well as Navajo Reservation lands in New Mexico and Utah
CAR10000I	Indian country within the State of California
GUR100000	The Island of Guam
JAR100000	Johnston Atoll
MWR100000	Midway Island and Wake Island
NIR100000	Commonwealth of the Northern Mariana Islands
NVR10000I	Indian country within the State of Nevada, as well as the Duck Valley Reservation in Idaho, the Fort McDermitt Reservation in Oregon and the Goshute Reservation in Utah

10. EPA Region 10: AK, WA, ID (except see Region 9 for Duck Valley Reservation Lands), and OR (except see Region 9 for Fort McDermitt Reservation).

US EPA, Region 10
NPDES Storm Water Program
1200 6th Ave (OW-130)
Seattle, WA 98101-1128
Phone: (206) 553-6650

The States of Oregon and Washington are the NPDES Permitting Authority for the majority of discharges within their respective states.

Permit No.	Areas of coverage/where EPA is Permitting Authority
AKR100000	The State of Alaska, except Indian country
AKR10000I	Indian country within the state of Alaska
IDR100000	The State of Idaho, except Indian country
IDR10000I	Indian country within the State of Idaho, except Duck Valley Reservation lands (see Region 9)
ORR10000I	Indian country within the State of Oregon, except Fort McDermitt Reservation lands (see Region 9)
WAR10000F	Federal Facilities in the State of Washington, except those located on Indian country
WAR10000I	Indian country within the State of Washington

Appendix C - Endangered Species Act Review Procedures

You must meet at least one of the six criteria in Subpart 1.3.C.6 to be eligible for coverage under this permit. You must follow the procedures in this Appendix to assess the potential effects of storm water discharges and storm water discharge-related activities on listed species and their critical habitat. When evaluating these potential effects, operators must evaluate the entire project area.

For purposes of this Appendix, the term "project area" is inclusive of the term "Action Area." Action area is defined in 50 CFR §402.02 as all areas to be affected directly or indirectly by the federal action and not merely the immediate area involved in the action. This includes areas beyond the footprint of the construction area that may be affected by storm water discharges and storm water discharge related activities. "Project area" is defined in Appendix A.

(Operators who are eligible and able to certify eligibility under Criterion B, C, D, or F of Subpart 1.3.C.6 because of a previously issued ESA section 10 permit, a previously completed ESA section 7 consultation, or because the operator's activities were already addressed in another operator's certification of eligibility may proceed directly to Step Four.)

Step One: Determine if Listed Threatened or Endangered Species are Present On or Near Your Project Area

You must determine, to the best of your knowledge, whether listed species are located on or near your project area. To make this determination, you should:

- Determine if listed species are in your county or township. The local offices of the U.S. Fish and Wildlife Service (FWS), National Marine Fisheries Service (NMFS), and State or Tribal Heritage Centers often maintain lists of federally listed endangered or threatened species on their internet sites. Visit www.epa.gov/npdes/stormwater/cgp to find the appropriate site for your state or check with your local office. In most cases, these lists allow you to determine if there are listed species in your county or township.
- If there are listed species in your county or township, check to see if critical habitat has been designated and if that area overlaps or is near your project area.
- Contact your local FWS, NMFS, or State or Tribal Heritage Center to determine if the listed species could be found on or near your project area and if any critical habitat areas have been designated that overlap or are near your project area. Critical habitat areas maybe designated independently from the listed species for your county, so even if there are no listed species in your county or township, you must still contact one of the agencies mentioned above to determine if there are any critical habitat areas on or near your project area.

You can also find critical habitat designations and associated requirements at 50 CFR Parts 17 and 226. http://www.access.gpo.gov.

- If there are no listed species in your county or township, no critical habitat areas on or near your project area, or if your local FWS, NMFS, or State or Tribal Heritage Center indicates that listed species are not a concern in your part of the county or township, you may check box A on the Notice of Intent Form.
- If there are listed species and if your local FWS, NMFS, or State or Tribal Heritage Center indicates that these species could exist on or near your project area, you will need to do one or more of the following:
    - Conduct visual inspections: This method may be particularly suitable for construction sites that are smaller in size or located in non-natural settings such as highly urbanized areas or industrial parks where there is little or no natural habitat, or for construction activities that discharge directly into municipal storm water collection systems.
    - Conduct a formal biological survey. In some cases, particularly for larger construction sites with extensive storm water discharges, biological surveys may be an appropriate way to assess whether species are located on or near the project area and whether there are likely adverse effects to such species. Biological surveys are frequently performed by environmental consulting firms. A biological survey may in some cases be useful in conjunction with Steps Two, Three, or Four of these instructions.
    - Conduct an environmental assessment under the National Environmental Policy Act (NEPA). Such reviews may indicate if listed species are in proximity to the project area. Coverage under the CGP does not trigger such a review because the CGP does not regulate new sources (that is, dischargers subject to New Source Performance Standards under section 306 of the Clean Water Act), and is thus statutorily

exempted from NEPA. See CWA section 511(c). However, some construction activities might require review under NEPA for other reasons such as federal funding or other federal involvement in the project.

If listed threatened or endangered species or critical habitat are present in the project area, you must look at impacts to species and/or habitat when following Steps Two through Four. Note that many but not all measures imposed to protect listed species under these steps will also protect critical habitat. Thus, meeting the eligibility requirements of this CGP may require measures to protect critical habitat that are separate from those to protect listed species.

Step Two: Determine if the Construction Activity's Storm Water Discharges or Storm Water Discharge-Related Activities Are Likely to Adversely Affect Listed Threatened or Endangered Species or Designated Critical Habitat

To receive CGP coverage, you must assess whether your storm water discharges or storm water discharge-related activities is likely to adversely affect listed threatened or endangered species or designated critical habitat that are present on or near your project area.

Potential adverse effects from storm water discharges and storm water discharge-related activities include:

- *Hydrological.* Storm water discharges may cause siltation, sedimentation or induce other changes in receiving waters such as temperature, salinity or pH. These effects will vary with the amount of storm water discharged and the volume and condition of the receiving water. Where a storm water discharge constitutes a minute portion of the total volume of the receiving water, adverse hydrological effects are less likely. Construction activity itself may also alter drainage patterns on a site where construction occurs that can impact listed species or critical habitat.
- *Habitat.* Excavation, site development, grading, and other surface disturbance activities from construction activities, including the installation or placement of storm water BMPs, may adversely affect listed species or their habitat. Storm water may drain or inundate listed species habitat.
- *Toxicity.* In some cases, pollutants in storm water may have toxic effects on listed species.

The scope of effects to consider will vary with each site. If you are having difficulty determining whether your project is likely to adversely affect listed species or critical habitat, or one of the Services has already raised concerns to you, you must contact the appropriate office of the FWS, NMFS or Natural Heritage Center for assistance. If adverse effects are not likely, then you may check box E on the NOI form and apply for coverage under the CGP. If the discharge may adversely effect listed species or critical habitat, you must follow Step Three.

Step Three: Determine if Measures Can Be Implemented to Avoid Adverse Effects

If you make a preliminary determination that adverse effects are likely to occur, you can still receive coverage under Criterion E of Subpart 1.3.C.6 of the CGP if appropriate measures are undertaken to avoid or eliminate the likelihood of adverse effects prior to applying for CGP coverage. These measures may involve relatively simple changes to construction activities such as re-routing a storm water discharge to bypass an area where species are located, relocating BMPs, or by changing the "footprint" of the construction activity. You should contact the FWS and/or NMFS to see what appropriate measures might be suitable to avoid or eliminate the likelihood of adverse impacts to listed species and/or critical habitat. (See 50 CFR §402.13(b)). This can entail the initiation of informal consultation with the FWS and/or NMFS (described in more detail in Step Four).

If you adopt measures to avoid or eliminate adverse affects, you must continue to abide by those measures for the duration of the construction project and coverage under the CGP. These measures must be described in the SWPPP and are enforceable CGP conditions and/or conditions for meeting the eligibility criteria in Subpart 1.3. If appropriate measures to avoid the likelihood of adverse effects are not available, you must follow Step Four.

Step Four: Determine if the Eligibility Requirements of Criterion B, C, D, or F of Subpart 1.3.C.6 Can Be Met

Where adverse effects are likely, you must contact the FWS and/or NMFS. You may still be eligible for CGP coverage if any likely adverse effects can be addressed through meeting Criterion B, C, D, or F of Subpart 1.3.C.6 of the CGP. These criteria are as follows:

1. *An ESA Section 7 Consultation Is Performed for Your Activity (See Criterion B or C of Subpart 1.3.C.6 of the CGP).*

Formal or informal ESA section 7 consultation is performed with the FWS and/or NMFS that addresses the effects of your storm water discharges and storm water discharge-related activities on federally-listed and threatened

species and designated critical habitat. FWS and/or NMFS may request that consultation take place if any actions are identified that may affect listed species or critical habitat. In order to be eligible for coverage under this permit, consultation must result in a "no jeopardy opinion" or a written concurrence by the Service(s) on a finding that your storm water discharge(s) and storm water discharge-related activities are not likely to adversely affect listed species or critical habitat (For more information on consultation, see 50 CFR §402). If you receive a "jeopardy opinion," you may continue to work with the FWS and/or NMFS and your permitting authority to modify your project so that it will not jeopardize listed species or designated critical habitat.

Most consultations are accomplished through informal consultation. By the terms of this CGP, EPA has automatically designated operators as non-federal representatives for the purpose of conducting informal consultations. See Subpart 1.3.C.6 and 50 CFR §402.08 and §402.13. When conducting informal ESA section 7 consultation as a non-federal representative, you must follow the procedures found in 50 CFR Part 402 of the ESA regulations. You must notify FWS and/or NMFS of your intention and agreement to conduct consultation as a non-federal representative.

Consultation may occur in the context of another federal action at the construction site (e.g., where ESA section 7 consultation was performed for issuance of a wetlands dredge and fill permit for the project or where a NEPA review is performed for the project that incorporates a section 7 consultation). Any terms and conditions developed through consultations to protect listed species and critical habitat must be incorporated into the SWPPP. As noted above, operators may, if they wish, initiate consultation with the Services at Step Four.

Whether ESA section 7 consultation must be performed with either the FWS, NMFS or both Services depends on the listed species that may be affected by the operator's activity. In general, NMFS has jurisdiction over marine, estuaries, and anadromous species. Operators should also be aware that while formal section 7 consultation provides protection from incidental takings liability, informal consultation does not.

2. *An Incidental Taking Permit Under Section 10 of the ESA is Issued for the Operators Activity (See Criterion D of Subpart 1.3.C.6 of the CGP).*

Your construction activities are authorized through the issuance of a permit under section 10 of the ESA and that authorization addresses the effects of your storm water discharge(s) and storm water discharge-related activities on federally-listed species and designated critical habitat. You must follow FWS and/or NMFS procedures when applying for an ESA Section 10 permit (see 50 CFR §17.22(b)(1) for FWS and §222.22 for NMFS). Application instructions for section 10 permits for FWS and NMFS can be obtained by accessing the FWS and NMFS websites (http://www.fws.gov and http://www.nmfs.noaa.gov) or by contacting the appropriate FWS and NMFS regional office.

3. *You are Covered Under the Eligibility Certification of Another Operator for the Project Area (See Criterion F of Subpart 1.3.C.6 of the CGP).*

Your storm water discharges and storm water discharge-related activities were already addressed in another operator's certification of eligibility under Criteria A through E of Subpart 1.3.C.6 which also included your project area. For example, a general contractor or developer may have completed and filed an NOI for the entire project area with the necessary Endangered Species Act certifications (criteria A-E), subcontractors may then rely upon that certification and must comply with any conditions resulting from that process. By certifying eligibility under Criterion F of Subpart 1.3.C.6, you agree to comply with any measures or controls upon which the other operator's certification under Criterion B, C, or D of Subpart 1.3.C.6 was based. Certification under Criterion F of Subpart 1.3.C.6 is discussed in more detail in the Fact Sheet that accompanies this permit.

You must comply with any terms and conditions imposed under the eligibility requirements of Criterion A through F to ensure that your storm water discharges and storm water discharge-related activities are protective of listed species and/or critical habitat. Such terms and conditions must be incorporated in the project's SWPPP. If the eligibility requirements of Subpart 1.3.C.6 cannot be met, then you are not eligible for coverage under the CGP. In these instances, you may consider applying to EPA for an individual permit.

Appendix D - Small Construction Waivers and Instructions

These waivers are only available to storm water discharges associated with small construction activities (i.e., 1-5 acres). As the operator of a small construction activity, you may be able to qualify for a waiver in lieu of needing to obtain coverage under this general permit based on: (A) a low rainfall erosivity factor, (B) a TMDL analysis, or (C) an equivalent analysis that determines allocations for small construction sites are not needed. Each operator, otherwise needing permit coverage, must notify EPA of its intention for a waiver. It is the responsibility of those individuals wishing to obtain a waiver from coverage under this general permit to submit a complete and accurate waiver certification as described below. Where the operator changes or another is added during the construction project, the new operator must also submit a waiver certification to be waived.

A. Rainfall Erosivity Waiver

Under this scenario the small construction project's rainfall erosivity factor calculation ("R" in the Revised Universal Soil Loss Equation) is less than 5 during the period of construction activity. The operator must certify to the Permitting Authority that construction activity will occur only when the rainfall erosivity factor is less than 5. The period of construction activity begins at initial earth disturbance and ends with final stabilization. Where vegetation will be used for final stabilization, the date of installation of a stabilization practice that will provide interim non-vegetative stabilization can be used for the end of the construction period, provided the operator commits (as a condition of waiver eligibility) to periodically inspect and properly maintain the area until the criteria for final stabilization as defined in the construction general permit have been met. If use of this interim stabilization eligibility condition was relied on to qualify for the waiver, signature on the waiver with its certification statement constitutes acceptance of and commitment to complete the final stabilization process. The operator must submit a waiver certification to EPA prior to commencing construction activities.

> *Note: The rainfall erosivity factor "R" is determined in accordance with Chapter 2 of Agriculture Handbook Number 703, Predicting Soil Erosion by Water: A Guide to Conservation Planning With the Revised Universal Soil Loss Equation (RUSLE), pages 21–64, dated January 1997; United States Department of Agriculture (USDA), Agricultural Research Service.*

EPA funded a cooperative agreement with Texas A&M University to develop an online rainfall erosivity calculator. You can access the calculator from EPA's website at: www.epa.gov/npdes/stormwater/cgp. Use of the calculator allows you to determine potential eligibility for the rainfall erosivity waiver. It may also be useful in determining the time periods during which construction activity could be waived from permit coverage. You may find that moving your construction activity by a few weeks or expediting site stabilization will allow you to qualify for the waiver.

If you are the operator of the construction activity and eligible for a waiver based on low erosivity potential, you must provide the following information on the waiver certification in order to be waived from permitting requirements:

1. Name, address and telephone number of the construction site operators;
2. Name (or other identifier), address, county or similar governmental subdivision, and latitude/longitude of the construction project or site;
3. Estimated construction start and completion (i.e., final stabilization) dates, and total acreage (to the nearest quarter acre) to be disturbed;
4. The rainfall erosivity factor calculation that applies to the active construction phase at your project site; and
5. A statement, signed and dated by an authorized representative as provided in Appendix G, Subsection 11, that certifies that the construction activity will take place during a period when the value of the rainfall erosivity factor is less than five.

At the time of publication, a Low Erosivity Waiver Form is not available. If EPA does create a form, it will be noticed (either directly, by public notice, or by making information available on the Internet at www.epa.gov/npdes/stormwater/cgp.

> *Note: If the R factor is 5 or greater, you cannot apply for the rainfall erosivity waiver, and must apply for permit coverage as per Subpart 2.1 of the construction general permit, unless you qualify for the Water Quality Waiver as described below.*

If your small construction project continues beyond the projected completion date given on the waiver certification, you must recalculate the rainfall erosivity factor for the new project duration. If the R factor is below five (5), you

must update all applicable information on the waiver certification and retain a copy of the revised waiver as part of the site SWPPP. The new waiver certification must be submitted prior to the projected completion date listed on the original waiver form to assure your exemption from permitting requirements is uninterrupted. If the new R factor is five (5) or above, you must submit an NOI as per Part 2.

B. TMDL Waiver

This waiver is available if EPA has established or approved a TMDL that addresses the pollutant(s) of concern and has determined that controls on storm water discharges from small construction activity are not needed to protect water quality. The pollutant(s) of concern include sediment (such as total suspended solids, turbidity or siltation) and any other pollutant that has been identified as a cause of impairment of any water body that will receive a discharge from the construction activity. Information on TMDLs that have been established or approved by EPA is available from EPA online at http://www.epa.gov/owow/tmdl/ and from state and tribal water quality agencies.

If you are the operator of the construction activity and eligible for a waiver based on compliance with an EPA established or approved TMDL, you must provide the following information on the Waiver Certification form in order to be waived from permitting requirements:

1. Name, address and telephone number of the construction site operator(s);
2. Name (or other identifier), address, county or similar governmental subdivision, and latitude/longitude of the construction project or site;
3. Estimated construction start and completion (i.e., final stabilization) dates, and total acreage (to the nearest quarter acre) to be disturbed;
4. The name of the water body(s) that would be receiving storm water discharges from your construction project;
5. The name and approval date of the TMDL;
6. A statement, signed and dated by an authorized representative as provided in Appendix G, Subsection 11, that certifies that the construction activity will take place and that the storm water discharges will occur, within the drainage area addressed by the TMDL.

C. Equivalent Analysis Waiver

This waiver is available for non-impaired waters only. The operator can develop an equivalent analysis that determines allocations for his small construction site for the pollutant(s) of concern or determines that such allocations are not needed to protect water quality. This waiver requires a small construction operator to develop an equivalent analysis based on existing in-stream concentrations, expected growth in pollutant concentrations from all sources, and a margin of safety.

If you are a construction operator who wants to use this waiver, you must develop your equivalent analysis and provide the following information to be waived from permitting requirements:

1. Name, address and telephone number of the construction site operator(s);
2 Name (or other identifier), address, county or similar governmental subdivision, and latitude/longitude of the construction project or site;
3 Estimated construction start and completion (i.e., final stabilization) dates, and total acreage (to the nearest quarter acre) to be disturbed;
4. The name of the water bodies that would be receiving storm water discharges from your construction project;
5. Your equivalent analysis;
6. A statement, signed and dated by an authorized representative as provided in Appendix G, Subsection 11, that certifies that the construction activity will take place and that the storm water discharges will occur, within the drainage area addressed by the equivalent analysis.

D. Waiver Deadlines and Submissions

1. Waiver certifications must be submitted prior to commencement of construction activities.

2. If you submit a TMDL or equivalent analysis waiver request, you are not waived until EPA approves your request. As such, you may not commence construction activities until receipt of approval from EPA.
3. Late Notifications: Operators are not prohibited from submitting waiver certifications after initiating clearing, grading, excavation activities, or other construction activities. The Agency reserves the right to take enforcement for any unpermitted discharges or permit noncompliance that occur between the time construction commenced and waiver authorization is granted.

Submittal of a waiver certification is an optional alternative to obtaining permit coverage for discharges of storm water associated with small construction activity, provided you qualify for the waiver. Any discharge of storm water associated with small construction activity not covered by either a permit or a waiver may be considered an unpermitted discharge under the Clean Water Act. As mentioned above, EPA reserves the right to take enforcement for any unpermitted discharges or permit noncompliance that occur between the time construction commenced and either discharge authorization is granted or a complete and accurate waiver certification is submitted. EPA may notify any operator covered by a waiver that they must apply for a permit. EPA may notify any operator who has been in non-compliance with a waiver that they may no longer use the waiver for future projects. Any member of the public may petition EPA to take action under this provision by submitting written notice along with supporting justification.

Complete and accurate Rainfall Erosivity waiver certifications must be sent to the following address:

Regular U.S. Mail Delivery

EPA Storm Water Notice Processing Center
Mail Code 4203M
U.S. EPA
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Overnight/Express Mail Delivery

EPA Storm Water Notice Processing Center
Room 7420
U.S. EPA
1201Constitution Avenue, NW
Washington, DC 20004

Complete and accurate TMDL or equivalent analysis waiver requests must be sent to the applicable EPA Region office specified in Appendix B.

Appendix E - Notice of Intent Form and Instructions

From the effective date of this permit, operators are to use the Notice of Intent Form contained in this Appendix to obtain permit coverage.

This Form Replaces Form 3510-9 (8-98)
Refer to the Following Pages for Instructions

Form Approved OMB Nos. 2040-0188 and 2040-0211

NPDES Form

EPA

United States Environmental Protection Agency
Washington, DC 20460

Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity Under an NPDES General Permit

Submission of this Notice of Intent (NOI) constitutes notice that the party identified in Section II of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section I of this form. Submission of this NOI also constitutes notice that the party identified in Section II of this form meets the eligibility requirements of the CGP for the project identified in Section III of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Refer to the instructions at the end of this form.

I. Permit Number

II. Operator Information

Name:

IRS Employer Identification Number (EIN): -

Mailing Address:

Street:

City: State: Zip Code: -

Phone: - - Fax (optional): - -

E-mail (optional):

III. Project/Site Information

Project/Site Name:

Project Street/Location:

City: State: Zip Code: -

County or similar government subdivision:

Latitude/Longitude (Use one of three possible formats, and specify method)

Latitude 1. __°__'__" N (degrees, minutes, seconds)
2. __°__.__' N (degrees, minutes, decimal)
3. __.____° N (decimal)

Longitude 1. ___°__'__" W (degrees, minutes, seconds)
2. ___°__.__' W (degrees, minutes, decimal)
3. ___.____° W (decimal)

Method: ☐ U.S.G.S. topographic map ☐ EPA web site ☐ GPS ☐ Other:
• If you used a U.S.G.S. topographic map, what was the scale: _____

Project Located in Indian country? ☐ Yes ☐ No
If so, name of Reservation or if not part of a Reservation, put "Not Applicable": _____

Estimated Project Start Date: / / (Month Date Year) Estimated Project Completion Date: / / (Month Date Year)

Estimated Area to be Disturbed (to the nearest quarter acre): .

IV. SWPPP Information

Has the SWPPP been prepared in advance of filing this NOI? ☐ Yes ☐ No

Location of SWPPP for viewing: ☐ Address in Section II ☐ Address in Section III ☐ Other

If Other:

SWPPP Street: _____

City: _____

State: _____ Zip Code: _____ - _____

SWPPP Contact Information (if different than that in Section II):

Name: _____

Phone: ___ - ___ - ____ Fax (optional): ___ - ___ - ____

E-mail (optional): _____

V. Discharge Information

Identify the name(s) of waterbodies to which you discharge. _____

_____

Is this discharge consistent with the assumptions and requirements of applicable EPA approved or established TMDL(s)?

☐ Yes ☐ No

VI. Endangered Species Information

Under which criterion of the permit have you satisfied your ESA eligibility obligations?

☐ A ☐ B ☐ C ☐ D ☐ E ☐ F

- If you select criterion F, provide permit tracking number of operator under which you are certifying eligibility:

_____

VII. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Print Name: _____

Print Title: _____

Signature: _____

Date: _____

Instructions for Completing EPA Form 3510-9

Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity Under an NPDES General Permit

NPDES Form | This Form Replaces Form 3510-9 (8/98) | Form Approved OMB Nos. 2040-0188 and 2040-0211

Who Must File an NOI Form
Under the provisions of the Clean Water Act, as amended (33 U.S.C. 1251 et.seq.; the Act), federal law prohibits storm water discharges from certain construction activities to waters of the U.S. unless that discharge is covered under a National Pollutant Discharge Elimination System (NPDES) Permit. Operator(s) of construction sites where one or more acres are disturbed, smaller sites that are part of a larger common plan of development or sale where there is a cumulative disturbance of at least one acre, or any other site specifically designated by the Director, must submit an NOI to obtain coverage under an NPDES general permit. Each person, firm, public organization, or any other entity that meets either of the following criteria must file this form: (1) they have operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; or (2) they have day-to-day operational control of those activities at the project necessary to ensure compliance with SWPPP requirements or other permit conditions. If you have questions about whether you need an NPDES storm water permit, or if you need information to determine whether EPA or your state agency is the permitting authority, refer to *www.epa.gov/npdes/stormwater/cgp* or telephone the Storm Water Notice Processing Center at (866) 352-7755.

Where to File NOI Form
See the applicable CGP for information on where to send your completed NOI form.

Completing the Form
Obtain and read a copy of the appropriate EPA Storm Water Construction General Permit for your area. To complete this form, type or print, using uppercase letters, in the appropriate areas only. Please place each character between the marks (abbreviate if necessary to stay within the number of characters allowed for each item). Use one space for breaks between words, but not for punctuation marks unless they are needed to clarify your response. If you have any questions on this form, refer to *www.epa.gov/npdes/stormwater/cgp* or telephone the Storm Water Notice Processing Center at (866) 352-7755. Please submit original document with signature in ink - do not send a photocopied signature.

Section I. Permit Number
Provide the number of the permit under which you are applying for coverage (see Appendix B of the general permit for the list of eligible permit numbers).

Section II. Operator Information
Provide the legal name of the person, firm, public organization, or any other entity that operates the project described in this application. An operator of a project is a legal entity that controls at least a portion of site operations and is not necessarily the site manager. Provide the employer identification number (EIN from the Internal Revenue Service; IRS), also commonly referred to as your taxpayer ID. If the applicant does not have an EIN enter "NA" in the space provided. Also provide the operator's mailing address, telephone number, fax number (optional) and e-mail address (if you would like to be notified via e-mail of NOI approval when available). Correspondence for the NOI will be sent to this address.

Section III. Project/Site Information
Enter the official or legal name and complete street address, including city, state, zip code, and county or similar government subdivision of the project or site. If the project or site lacks a street address, indicate the general location of the site (e.g., Intersection of State Highways 61 and 34). Complete site information must be provided for permit coverage to be granted.

The applicant must also provide the latitude and longitude of the facility either in degrees, minutes, seconds; degrees, minutes, decimal; or decimal format. The latitude and longitude of your facility can be determined in several different ways, including through the use of global positioning system (GPS) receivers, U.S. Geological Survey (U.S.G.S.) topographic or quadrangle maps, and EPA's web-based siting tools, among others. Refer to *www.epa.gov/npdes/stormwater/cgp* for further guidance on the use of these methodologies. For consistency, EPA requests that measurements be taken from the approximate center of the construction site. Applicants must specify which method they used to determine latitude and longitude. If a U.S.G.S. topographic map is used, applicants are required to specify the scale of the map used.

Indicate whether the project is in Indian country, and if so, provide the name of the Reservation. If the project is in Indian Country Lands that are not part of a Reservation, indicate "not applicable" in the space provided.

Enter the estimated construction start and completion dates using four digits for the year (i.e., 05/27/1998). Enter the estimated area to be disturbed including but not limited to: grubbing, excavation, grading, and utilities and infrastructure installation. Indicate to the nearest quarter acre. Note: 1 acre = 43,560 sq. ft.

Section IV. SWPPP Information
Indicate whether or not the SWPPP was prepared in advance of filing the NOI form. Check the appropriate box for the location where the SWPPP may be viewed. Provide the name,

Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity Under an NPDES General Permit

NPDES Form This Form Replaces Form 3510-9 (8/98) Form Approved OMB Nos. 2040-0188 and 2040-0211

fax number (optional), and e-mail address (optional) of the contact person if different than that listed in Section II of the NOI form.

Section V. Discharge Information

Enter the name(s) of receiving waterbodies to which the project's storm water will discharge. These should be the first bodies of water that the discharge will reach. (Note: If you discharge to more than one waterbody, please indicate all such waters in the space provided and attach a separate sheet if necessary.) For example, if the discharge leaves your site and travels through a roadside swale or a storm sewer and then enters a stream that flows to a river, the stream would be the receiving waterbody. Waters of the U.S. include lakes, streams, creeks, rivers, wetlands, impoundments, estuaries, bays, oceans, and other surface bodies of water within the confines of the U.S. and U.S. coastal waters. Waters of the U.S. do not include man-made structures created solely for the purpose of wastewater treatment. U.S. Geological Survey topographical maps may be used to make this determination. If the map does not provide a name, use a format such as "unnamed tributary to Cross Creek". If you discharge into a municipal separate storm sewer system (MS4), you must identify the waterbody into which that portion of the storm sewer discharges. That information should be readily available from the operator of the MS4.

Indicate whether your storm water discharges from construction activities will be consistent with the assumptions and requirements of applicable EPA approved or established TMDL(s). To answer this question, refer to *www.epa.gov/npdes/stormwater/cgp* for state- and regional-specific TMDL information related to the construction general permit. You may also have to contact your EPA regional office or state agency. If there are no applicable TMDLs or no related requirements, please check the "yes" box in the NOI form.

Section VI. Endangered Species Information

Indicate for which criterion (i.e., A, B, C, D, E, or F) of the permit the applicant is eligible with regard to protection of federally listed endangered and threatened species, and designated critical habitat. See Part 1.3.C.6 and Appendix C of the permit. If you select criterion F, provide the permit tracking number of the operator under which you are certifying eligibility. The permit tracking number is the number assigned to the operator by the Storm Water Notice Processing Center after EPA acceptance of a complete NOI.

Section VII. Certification Information

All applications, including NOIs, must be signed as follows:

For a corporation: By a responsible corporate officer. For the purpose of this Section, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

For a partnership or sole proprietorship: By a general partner or the proprietor, respectively; or

For a municipality, state, federal, or other public agency: By either a principal executive officer or ranking elected official. For purposes of this Part, a principal executive officer of a federal agency includes (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator of EPA).

Include the name and title of the person signing the form and the date of signing. An unsigned or undated NOI form will not be considered eligible for permit coverage.

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 3.7 hours. This estimate includes time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Chief, Information Policy Branch 2136, U.S. Environmental Protection, Agency, 1200 Pennsylvania Avenue, NW, Washington, D.C. 20460. Include the OMB control number on any correspondence. Do not send the completed form to this address.

Appendix F - Notice of Termination Form and Instructions

From the effective date of this permit, operators are to use the Notice of Termination Form contained in this Appendix to terminate permit coverage.

This Form Replaces Form 3517-7 (8-98)
Refer to the Following Page for Instructions

Form Approved OMB Nos. 2040-0086 and 2040-0211

NPDES Form

EPA

United States Environmental Protection Agency
Washington, DC 20460

Notice of Termination (NOT) of Coverage Under an NPDES General Permit for Storm Water Discharges Associated with Construction Activity

Submission of this Notice of Termination constitutes notice that the party identified in Section II of this form is no longer authorized to discharge storm water associated with construction activity under the NPDES program from the site identified in Section III of this form. All necessary information must be included on this form. Refer to the instructions at the end of this form.

I. Permit Information

NPDES Storm Water General Permit Tracking Number: _____

Reason for Termination (Check only one):

- ☐ Final stabilization has been achieved on all portions of the site for which you are responsible.
- ☐ Another operator has assumed control, according to Appendix G, Section 11.C of the CGP, over all areas of the site that have not been finally stabilized.
- ☐ Coverage under an alternative NPDES permit has been obtained.
- ☐ For residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.

II. Operator Information

Name: _____

IRS Employer Identification Number (EIN): ___ - _____

Mailing Address:

Street: _____

City: _____ State: ___ Zip Code: _____ - ____

Phone: ___ - ___ - _____ Fax (optional): ___ - ___ - _____

E-mail (optional): _____

III. Project/Site Information

Project/Site Name: _____

Project Street/Location: _____

City: _____ State: ___ Zip Code: _____ - ____

County or similar government subdivision: _____

IV. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Print Name: _____

Print Title: _____

Signature: _____

Date: _____

Instructions for Completing EPA Form 3510-13

Notice of Termination (NOT) of Coverage Under an NPDES General Permit for Storm Water Discharges Associated with Construction Activity

NPDES Form This Form Replaces Form 3517-7 (8-98) Form Approved OMB Nos. 2040-0086 and 2040-0211

Who May File an NOT Form

Permittees who are presently covered under the EPA-issued National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction Activity may submit an NOT form when final stabilization has been achieved on all portions of the site for which you are responsible; another operator has assumed control in accordance with Appendix G, Section 11.C of the General Permit over all areas of the site that have not been finally stabilized; coverage under an alternative NPDES permit has been obtained; or for residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.

"Final stabilization" means that all soil disturbing activities at the site have been completed and that a uniform perennial vegetative cover with a density of at least 70% of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed. See "final stabilization" definition in Appendix A of the Construction General Permit for further guidance where background native vegetation covers less than 100 percent of the ground, in arid or semi-arid areas, for individual lots in residential construction, and for construction projects on land used for agricultural purposes.

Completing the Form

Type or print, using uppercase letters, in the appropriate areas only. Please place each character between the marks. Abbreviate if necessary to stay within the number of characters allowed for each item. Use only one space for breaks between words, but not for punctuation marks unless they are needed to clarify your response. If you have any questions about this form, refer to *www.epa.gov/npdes/stormwater/cgp* or telephone the Storm Water Notice Processing Center at (866) 352-7755. Please submit original document with signature in ink - do not send a photocopied signature.

Section I. Permit Number

Enter the existing NPDES Storm Water General Permit Tracking Number assigned to the project by EPA's Storm Water Notice Processing Center. If you do not know the permit tracking number, refer to *www.epa.gov/npdes/stormwater/cgp* or contact the Storm Water Notice Processing Center at (866) 352-7755.

Indicate your reason for submitting this Notice of Termination by checking the appropriate box. Check only one:

Final stabilization has been achieved on all portions of the site for which you are responsible.

Another operator has assumed control according to Appendix G, Section 11.C over all areas of the site that have not been finally stabilized.

Coverage under an alternative NPDES permit has been obtained.

For residential construction only, if temporary stabilization has been completed and the residence has been transferred to the homeowner.

Section II. Operator Information

Provide the legal name of the person, firm, public organization, or any other entity that operates the project described in this application and is covered by the permit tracking number identified in Section I. The operator of the project is the legal entity that controls the site operation, rather than the site manager. Provide the employer identification number (EIN from the Internal Revenue Service; IRS). If the applicant does not have an EIN enter "NA" in the space provided. Enter the complete mailing address and telephone number of the operator. *Optional:* enter the fax number and e-mail address of the operator.

Section III. Project/Site Information

Enter the official or legal name and complete street address, including city, state, zip code, and county or similar government subdivision of the project or site. If the project or site lacks a street address, indicate the general location of the site (e.g., Intersection of State Highways 61 and 34). Complete site information must be provided for termination of permit coverage to be valid.

Section IV. Certification Information

All applications, including NOIs, must be signed as follows:

For a corporation: By a responsible corporate officer. For the purpose of this Part, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

For a partnership or sole proprietorship: By a general partner or the proprietor, respectively; or

For a municipality, state, federal, or other public agency: By either a principal executive officer or ranking elected official. For purposes of this Part, a principal executive officer of a federal agency includes (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator of EPA).

Include the name and title of the person signing the form and the date of signing. An unsigned or undated NOT form will not be considered valid termination of permit coverage.

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 0.5 hours per notice, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form including any suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, 2136, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB number on any correspondence. Do not sent the completed form to this address.

Appendix G - Standard Permit Conditions

STANDARD PERMIT CONDITIONS

1. Duty To Comply

You must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

A. You must comply with effluent standards or prohibitions established under section 307(a) of the Clean Water Act for toxic pollutants and with standards for sewage sludge use or disposal established under section 405(d) of the CWA within the time provided in the regulations that establish these standards or prohibitions or standards for sewage sludge use or disposal, even if the permit has not yet been modified to incorporate the requirement.

B. The Clean Water Act provides that any person who violates section 301, 302, 306, 307, 308, 318 or 405 of the Act, or any permit condition or limitation implementing any such sections in a permit issued under section 402, or any requirement imposed in a pretreatment program approved under sections 402(a)(3) or 402(b)(8) of the Act, is subject to a civil penalty not to exceed the maximum amounts authorized by Section 309(d) of the Act and the Federal Civil Penalties Inflation Adjustment Act (28 U.S.C. §2461 note) as amended by the Debt Collection Improvement Act (31 U.S.C. §3701 note) (currently $27,500 per day for each violation).

   The Clean Water Act provides that any person who negligently violates sections 301, 302, 306, 307, 308, 318, or 405 of the Act, or any condition or limitation implementing any of such sections in a permit issued under section 402 of the Act, or any requirement imposed in a pretreatment program approved under section 402(a)(3) or 402(b)(8) of the Act, is subject to criminal penalties of $2,500 to $25,000 per day of violation, or imprisonment of not more than 1 year, or both. In the case of a second or subsequent conviction for a negligent violation, a person shall be subject to criminal penalties of not more than $50,000 per day of violation, or by imprisonment of not more than 2 years, or both. Any person who knowingly violates such sections, or such conditions or limitations is subject to criminal penalties of $5,000 to $50,000 per day of violation, or imprisonment for not more than 3 years, or both. In the case of a second or subsequent conviction for a knowing violation, a person shall be subject to criminal penalties of not more than $100,000 per day of violation, or imprisonment of not more than 6 years, or both. Any person who knowingly violates section 301, 302, 303, 306, 307, 308, 318 or 405 of the Act, or any permit condition or limitation implementing any of such sections in a permit issued under section 402 of the Act, and who knows at that time that he thereby places another person in imminent danger of death or serious bodily injury, shall, upon conviction, be subject to a fine of not more than $250,000 or imprisonment of not more than 15 years, or both. In the case of a second or subsequent conviction for a knowing endangerment violation, a person shall be subject to a fine of not more than $500,000 or by imprisonment of not more than 30 years, or both. An organization, as defined in section 309(c)(3)(B)(iii) of the CWA, shall, upon conviction of violating the imminent danger provision, be subject to a fine of not more than $1,000,000 and can be fined up to $2,000,000 for second or subsequent convictions.

C. Any person may be assessed an administrative penalty by the Administrator for violating section 301, 302, 306, 307, 308, 318 or 405 of this Act, or any permit condition or limitation implementing any of such sections in a permit issued under section 402 of this Act. Pursuant to 40 CFR Part 19 and the Act, administrative penalties for Class I violations are not to exceed the maximum amounts authorized by Section 309(g)(2)(A) of the Act and the Federal Civil Penalties Inflation Adjustment Act (28 U.S.C. §2461 note) as amended by the Debt Collection Improvement Act (31 U.S.C. §3701 note) (currently $11,000 per violation, with the maximum amount of any Class I penalty assessed not to exceed $27,500). Pursuant to 40 CFR Part 19 and the Act, penalties for Class II violations are not to exceed the maximum amounts authorized by Section 309(g)(2)(B) of the Act and the Federal Civil Penalties Inflation Adjustment Act (28 U.S.C. §2461 note) as amended by the Debt Collection Improvement Act (31 U.S.C. §3701 note) (currently $11,000 per day for each day during which the violation continues, with the maximum amount of any Class II penalty not to exceed $137,500).

2. Duty to Reapply

If you wish to continue an activity regulated by this permit after the expiration date of this permit, you must apply for and obtain a new permit.

3. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for you in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

4. Duty to Mitigate

You must take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

5. Proper Operation and Maintenance

You must at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by you to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems which are installed by you only when the operation is necessary to achieve compliance with the conditions of this permit.

6. Permit Actions

This permit may be modified, revoked and reissued, or terminated for cause. Your filing of a request for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

7. Property Rights

This permit does not convey any property rights of any sort, or any exclusive privileges.

8. Duty to Provide Information

You must furnish to EPA, within a reasonable time, any information which EPA may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. You must also furnish to EPA upon request, copies of records required to be kept by this permit.

9. Inspection and Entry

You must allow EPA, or an authorized representative (including an authorized contractor acting as a representative of the Administrator), upon presentation of credentials and other documents as may be required by law, to:

A. Enter upon your premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

B. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

C. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

D. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

10. Monitoring and Records

A. Samples and measurements taken for the purpose of monitoring must be representative of the monitored activity.

B. You must retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report or application. This period may be extended by request of EPA at any time.

C. Records of monitoring information must include:

   1. The date, exact place, and time of sampling or measurements;
   2. The individual(s) who performed the sampling or measurements;
   3. The date(s) analyses were performed

4. The individual(s) who performed the analyses;
5. The analytical techniques or methods used; and
6. The results of such analyses.

D. Monitoring results must be conducted according to test procedures approved under 40 CFR Part 136 or, in the case of sludge use or disposal, approved under 40 CFR Part 136 unless otherwise specified in 40 CFR Part 503, unless other test procedures have been specified in the permit.

E. The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than $20,000 per day of violation, or by imprisonment of not more than 4 years, or both.

11. Signatory Requirements

A. All applications, including NOIs, must be signed as follows:

1. For a corporation: By a responsible corporate officer. For the purpose of this Part, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
2. For a partnership or sole proprietorship: By a general partner or the proprietor, respectively; or
3. For a municipality, state, federal, or other public agency: By either a principal executive officer or ranking elected official. For purposes of this Part, a principal executive officer of a federal agency includes (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator of EPA).

B. All reports required by this permit, including SWPPPs, must be signed by a person described in Appendix G, Subsection 11.A above or by a duly authorized representative of that person. A person is a duly authorized representative only if:

1. The authorization is made in writing by a person described in Appendix G, Subsection 11.A;
2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position); and
3. The signed and dated written authorization is included in the SWPPP. A copy must be submitted to EPA, if requested.

C. Changes to Authorization. If an authorization under Subpart 2.1 is no longer accurate because a different operator has responsibility for the overall operation of the construction site, a new NOI satisfying the requirements of Subpart 2.1 must be submitted to EPA prior to or together with any reports, information, or applications to be signed by an authorized representative. The change in authorization must be submitted within the time frame specified in Subpart 2.2, and sent to the address specified in Subpart 2.3.

D. Any person signing documents required under the terms of this permit must include the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is,

to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

E. The CWA provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

12. Reporting Requirements

A. Planned changes. You must give notice to EPA as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:

1. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR §122.29(b); or
2. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under 40 CFR §122.42(a)(1).

B. Anticipated noncompliance. You must give advance notice to EPA of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

C. Transfers. This permit is not transferable to any person except after notice to EPA. EPA may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Clean Water Act. (See 40 CFR §122.61; in some cases, modification or revocation and reissuance is mandatory.)

D. Monitoring reports. Monitoring results must be reported at the intervals specified elsewhere in this permit.

1. Monitoring results must be reported on a Discharge Monitoring Report (DMR) or forms provided or specified by EPA for reporting results of monitoring of sludge use or disposal practices.
2. If you monitor any pollutant more frequently than required by the permit using test procedures approved under 40 CFR Part 136 or, in the case of sludge use or disposal, approved under 40 CFR Part 136 unless otherwise specified in 40 CFR Part 503, or as specified in the permit, the results of this monitoring must be included in the calculation and reporting of the data submitted in the DMR or sludge reporting form specified by EPA.
3. Calculations for all limitations which require averaging of measurements must use an arithmetic mean.

E. Compliance schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date.

F. Twenty-four hour reporting.

1. You must report any noncompliance which may endanger health or the environment. Any information must be provided orally within 24 hours from the time you become aware of the circumstances. A written submission must also be provided within five days of the time you become aware of the circumstances. The written submission must contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
2. The following shall be included as information which must be reported within 24 hours under this paragraph.
   a. Any unanticipated bypass which exceeds any effluent limitation in the permit. (See 40 CFR §122.41(g).)
   b. Any upset which exceeds any effluent limitation in the permit
   c. Violation of a maximum daily discharge limitation for any of the pollutants listed by EPA in the permit to be reported within 24 hours. (See 40 CFR §122.44(g).)

3. EPA may waive the written report on a case-by-case basis for reports under Appendix G, Subsection 12.F.2 if the oral report has been received within 24 hours.

G. Other noncompliance. You must report all instances of noncompliance not reported under Appendix G, Subsections 12.D, 12.E, and 12.F, at the time monitoring reports are submitted. The reports must contain the information listed in Appendix G, Subsection 12.F.

H. Other information. Where you become aware that you failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Permitting Authority, you must promptly submit such facts or information.

13. Bypass

A. Definitions.

1. Bypass means the intentional diversion of waste streams from any portion of a treatment facility

2. Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

B. Bypass not exceeding limitations. You may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Appendix G, Subsections 13.C and 13.D.

C. Notice–

1. Anticipated bypass. If you know in advance of the need for a bypass, you must submit prior notice, if possible at least ten days before the date of the bypass.

2. Unanticipated bypass. You must submit notice of an unanticipated bypass as required in Appendix G, Subsection 12.F (24-hour notice).

D. Prohibition of bypass.

1. Bypass is prohibited, and EPA may take enforcement action against you for bypass, unless:

a. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

b. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

c. You submitted notices as required under Appendix G, Subsection 13.C.

2. EPA may approve an anticipated bypass, after considering its adverse effects, if EPA determines that it will meet the three conditions listed above in Appendix G, Subsection 13.D.1.

14. Upset

A. Definition. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond your reasonable control. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

B. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of Appendix G, Subsection 14.C are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

C. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset must demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

1. An upset occurred and that you can identify the cause(s) of the upset;

2. The permitted facility was at the time being properly operated; and

3. You submitted notice of the upset as required in Appendix G, Subsection 12.F.2.b(24 hour notice).
4. You complied with any remedial measures required under Appendix G, Section 4.

D. Burden of proof. In any enforcement proceeding, you, as the one seeking to establish the occurrence of an upset, has the burden of proof.

ATTACHMENT E

This Form Replaces Form 3510-9 (8-98)
Refer to the Following Pages for Instructions

Form Approved OMB Nos. 2040-0188 and 2040-0211

NPDES Form

EPA

United States Environmental Protection Agency
Washington, DC 20460

Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity Under an NPDES General Permit

Submission of this Notice of Intent (NOI) constitutes notice that the party identified in Section II of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section I of this form. Submission of this NOI also constitutes notice that the party identified in Section II of this form meets the eligibility requirements of the CGP for the project identified in Section III of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Refer to the instructions at the end of this form.

I. Permit Number

MAR100000

II. Operator Information

Name: WES CONSTRUCTION CORPORATION

IRS Employer Identification Number (EIN): 04 - 2077178

Mailing Address:

Street: 175 COMMERCIAL CIRCLE

City: DEDHAM State: MA Zip Code: 02026 -

Phone: 781 - 326 - 4030 Fax (optional): 781 - 326 - 9957

E-mail (optional): WESGC@VERIZON.NET

III. Project/Site Information

Project/Site Name: KEITH MIDDLE SCHOOL

Project Street/Location: 225 HATHAWAY BOULEVARD

City: NEW BEDFORD State: MA Zip Code: 02740 -

County or similar government subdivision: BRISTOL

Latitude/Longitude (Use one of three possible formats, and specify method)

Latitude
1. 41° 38' 43" N (degrees, minutes, seconds)
2. ___° ___.___' N (degrees, minutes, decimal)
3. 41.6454° N (decimal)

Longitude
1. 070° 56' 56" W (degrees, minutes, seconds)
2. ___° ___.___' W (degrees, minutes, decimal)
3. -70.9488° W (decimal)

Method: ☐ U.S.G.S. topographic map ☐ EPA web site ☐ GPS ☑ Other: GEOSEARCH.COM

• If you used a U.S.G.S. topographic map, what was the scale:

Project Located in Indian country? ☐ Yes ☑ No

If so, name of Reservation or if not part of a Reservation, put "Not Applicable":

Estimated Project Start Date: 09 / 20 / 2004 (Month / Date / Year)

Estimated Project Completion Date: 12 / 30 / 2004 (Month / Date / Year)

Estimated Area to be Disturbed (to the nearest quarter acre): 0007.50

IV. SWPPP Information

Has the SWPPP been prepared in advance of filing this NOI? ☑ Yes ☐ No

Location of SWPPP for viewing: ☐ Address in Section II ☐ Address in Section III ☑ Other

If Other:

SWPPP Street: 315 NORWOOD PARK SOUTH

City: NORWOOD

State: MA Zip Code: 02062 -

SWPPP Contact Information (if different than that in Section II):

Name: ALAN HANSCOM, PE, LSP

Phone: 781 - 255 - 1982 Fax (optional): 781 - 255 - 1974

E-mail (optional): AHANSCOM@BETA-INC.COM

V. Discharge Information

Identify the name(s) of waterbodies to which you discharge. UNNAMED TRIBUTARY TO THE APPONAGANSETT SWAMP.

Is this discharge consistent with the assumptions and requirements of applicable EPA approved or established TMDL(s)?

☑ Yes ☐ No

VI. Endangered Species Information

Under which criterion of the permit have you satisfied your ESA eligibility obligations?

☑ A ☐ B ☐ C ☐ D ☐ E ☐ F

- If you select criterion F, provide permit tracking number of operator under which you are certifying eligibility:

VII. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Print Name: ALAN D. HANSCOM, P.E., LSP

Print Title: ASSOCIATE

Signature:

Date: 9/15/2004

Shipment Receipt

(Keep this for your records.)

Transaction Date 15 Sep 2004

Address Information

Ship To:
U.S. E.P.A.
202 272 0167
STORM WATER PROCESSING CENTER
1201 CONSTITUTION AVENUE, NW
ROOM 7420
WASHINGTON DC 20004-3302

Shipper:
BETA Group
ERIC OLSON
781 255 1982
315 Norwood Park South
2nd Floor
Norwood MA 02062

Ship From:
BETA Group
Diane Letendre
781 255 1982
315 Norwood Park South
2nd Floor
Norwood MA 02062

Shipment Information

Service:	UPS Ground Service
Guaranteed By:	End of Day, Fri. 17 Sep. 2004

Shipping: 3.81

Package Information

Package 1 of 1

Tracking Number:	1ZF178410396080170
Package Type:	Your Packaging
Dimensions:	9 x 12 x 1 in.
Actual Weight:	1.0 lbs
Billable Weight:	1.0 lbs
Reference#1:	J #: 2685 / T-108

Billing Information

Payment Method:	Bill Sender: F17841	
Total:	**All Shipping Charges in USD**	**3.81**

Note: The displayed rate is for reference purposes and does not include applicable taxes.

* For delivery and guarantee information, see the UPS Service Guide. To speak to a customer service representative, call 1-800-PICK-UPS for domestic services and 1-800-782-7892 for international services.

Responsibility for Loss or Damage

Unless a greater value is recorded in the declared value field as appropriate for the UPS shipping system used, the shipper agrees that the released value of each package covered by this receipt is no greater than $100, which is a reasonable value under the circumstances surrounding the transportation. UPS does not accept for transportation and shipper's requesting service through the Internet are prohibited from shipping packages with a value of more than $50,000. The maximum liability per package assumed by UPS shall not exceed $100, regardless of the purchase of insurance for protection in excess of $100. The maximum liability per package assumed by the applicable insurance company shall not exceed $50,000 (less $100). Claims not made within nine months after delivery of the package (six months for international shipments), or in the case of failure to make delivery, nine months after a reasonable time for delivery has elapsed (six months for international shipments), shall be deemed waived. The entry of a C.O.D. amount is not a declaration of value for insurance purposes. All checks or other negotiable instruments tendered in payment of C.O.D.'s will be accepted by UPS at shipper's risk. UPS shall not be liable for any special, incidental, or consequential damages.

ATTACHMENT F

PRIORITY HABITATS OF RARE SPECIES

For species protected under MA Endangered Species Act regulations (321 CMR 10)
Note: NOT equivalent to Significant Habitat

Effective October 1, 1999 through December 31, 2001
Produced by the Natural Heritage & Endangered Species Program, MA Division of Fisheries & Wildlife

PH 1518
PH 1540
PH 1537
PH 1559
PH 1583
PH 1621
PH 1859
F R E E T O W N
A C U S H N E T
D A R T M O U T H
N E W B E D F O R D
F A I R H A V E N
N E W B E D F O R D
H A R B O R
B U Z Z A R D S B A Y
Acushnet
Hawthorne
North Dartmouth
Long Plain
Cove Heights
Sharpe Park
Randall Hill
Fairhaven
East Fairhaven
Harbor View
Fire Tower
Interchange
Interchange
Interchange

ESTIMATED HABITATS OF RARE WILDLIFE AND CERTIFIED VERNAL POOLS

For use with the MA Wetlands Protection Act regulations (310 CMR 10)

Effective October 1, 1999 through December 31, 2001
Produced by the Natural Heritage & Endangered Species Program, MA Division of Fisheries & Wildlife

WH 1105
WH 442
WH 437
WH 1111
WH 35
F R E T O W N
A C U S H N E T
D A R T M O U T H
Acushnet
Hathaway Swamp
Long Plain
Cedar Heights
Mandell Hill
Fairhaven
Fairhaven Center
Fairhaven Shipyard
Long Pasture
Sassafras Swamp
Flag Swamp
Grape Hill
Chamberlain Pond
Hanson Pond
Mattapoisett River
Mattapoisett Neck
Sawyer Swamp
Sawyer Pond
Sawyer Hill
Sawyer Hill Swamp
Hathaway Pond
Hathaway Swamp

ATTACHMENT G