


FIGURE 4-7
ANALYTICAL RESULTS SUMMARY-GROUNDWATER
ECOLOGICAL RECEPTOR EVALUATION

FORMER MCCANDLESS FUELS SITE
2231 DELSEA DRIVE
FRANKLINVILLE, NEW JERSEY

PROJECT NO. 8E0801823P	PREPARED BY MTG/LKO	DRAWN BY MTG/LKO
DATE 6-11-08	REVIEWED BY SB	FILE NAME McCandless Site Layout.3



Summary of PCB Result-Groundwater- Ecological Receptor Evaluation

Former McCandless Petroleum Site
2231 Delsea Drive, Franklville, NJ 08322

Attachment 3

Sample ID	Groundwater Quality Criterion	Practical Quantitation Level (PQL)	Higher of PQL and GW Quality Criterion	MDL	GWWDG1-S	GWWDG1-D	FB021808	GWEUS1A-D	GWEUS1A-S	FB021908	GWEUS1	GWEDS1	GWEMM1	GWEMS1	
Data Samples					2/18/2008	2/18/2008	2/18/2008	2/18/2008	2/18/2008	2/18/2008	2/18/2008	2/19/2008	2/20/2008	2/18/2008	2/18/2008
Matrix					Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Lab Sample ID					899840	899841	899842	899843	899844	899845	899846	899847	899848	899850	
Units					ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
Aroclor 1016	0.02	0.5	0.5	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1221	0.02	0.5	0.5	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1232	0.02	0.5	0.5	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1242	0.02	0.5	0.5	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1248	0.02	0.5	0.5	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1254	0.02	0.5	0.5	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1260	0.02	0.5	0.5	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1262	0.02	0.5	0.5	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1268	0.02	0.5	0.5	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total PCB					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

ND: Not Detected

ug/l: Concentration in Microgram per Liter

MDL: Maximum Detection Limit

Attachment 3

Client ID: **GWWDG1-S**
Site: McCandless Fuels

Lab Sample ID: **899840**
Lab Job No: R024

Date Sampled: 02/18/08
Date Received: 02/19/08
Date Extracted: 02/22/08
Date Analyzed: 02/26/08
GC Column: StxCLP1
Instrument ID: PESTGC6.i

Matrix: WATER
Sample Volume: 930 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: nr071764.d

**ORGANOCHLORINE PCBs - GC/ECD
METHOD 608**

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Aroclor-1016	ND	0.20
Aroclor-1221	ND	0.30
Aroclor-1232	ND	0.30
Aroclor-1242	ND	0.30
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.30
Aroclor-1260	ND	0.20
Aroclor-1262	ND	0.30
Aroclor-1268	ND	0.30

Client ID: **GWWDG1-D**
Site: McCandless Fuels

Lab Sample ID: **899841**
Lab Job No: R024

Date Sampled: 02/18/08
Date Received: 02/19/08
Date Extracted: 02/22/08
Date Analyzed: 02/26/08
GC Column: StxCLP1
Instrument ID: PESTGC6.i

Matrix: WATER
Sample Volume: 940 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: nr071765.d

**ORGANOCHLORINE PCBs - GC/ECD
METHOD 608**

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Aroclor-1016	ND	0.20
Aroclor-1221	ND	0.30
Aroclor-1232	ND	0.30
Aroclor-1242	ND	0.30
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.30
Aroclor-1260	ND	0.20
Aroclor-1262	ND	0.30
Aroclor-1268	ND	0.30

Client ID: **FB021808**
Site: McCandless Fuels

Lab Sample ID: **899842**
Lab Job No: R024

Date Sampled: 02/18/08
Date Received: 02/19/08
Date Extracted: 02/22/08
Date Analyzed: 02/26/08
GC Column: StxCLP1
Instrument ID: PESTGC6.i

Matrix: WATER
Sample Volume: 990 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: nr071766.d

**ORGANOCHLORINE PCBs - GC/ECD
METHOD 608**

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Aroclor-1016	ND	0.20
Aroclor-1221	ND	0.30
Aroclor-1232	ND	0.30
Aroclor-1242	ND	0.30
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.30
Aroclor-1260	ND	0.20
Aroclor-1262	ND	0.30
Aroclor-1268	ND	0.30

Client ID: GWEUS1A-D
Site: McCandless Fuels

Lab Sample ID: 899843
Lab Job No: R024

Date Sampled: 02/18/08
Date Received: 02/19/08
Date Extracted: 02/22/08
Date Analyzed: 02/26/08
GC Column: StxCLP1
Instrument ID: PESTGC6.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: nr071767.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 608

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Aroclor-1016	ND	0.20
Aroclor-1221	ND	0.30
Aroclor-1232	ND	0.30
Aroclor-1242	ND	0.30
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.30
Aroclor-1260	ND	0.20
Aroclor-1262	ND	0.30
Aroclor-1268	ND	0.30

Client ID: GWEUS1A-S
Site: McCandless Fuels

Lab Sample ID: 899844
Lab Job No: R024

Date Sampled: 02/18/08
Date Received: 02/19/08
Date Extracted: 02/22/08
Date Analyzed: 02/26/08
GC Column: StxCLP1
Instrument ID: PESTGC6.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: nr071768.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 608

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Aroclor-1016	ND	0.20
Aroclor-1221	ND	0.30
Aroclor-1232	ND	0.30
Aroclor-1242	ND	0.30
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.30
Aroclor-1260	ND	0.20
Aroclor-1262	ND	0.30
Aroclor-1268	ND	0.30

Client ID: **FB021908**
Site: McCandless Fuels

Lab Sample ID: **899845**
Lab Job No: R024

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Extracted: 02/22/08
Date Analyzed: 02/26/08
GC Column: StxCLP1
Instrument ID: PESTGC6.i

Matrix: WATER
Sample Volume: 995 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: nr071769.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 608

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Aroclor-1016	ND	0.20
Aroclor-1221	ND	0.30
Aroclor-1232	ND	0.30
Aroclor-1242	ND	0.30
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.30
Aroclor-1260	ND	0.20
Aroclor-1262	ND	0.30
Aroclor-1268	ND	0.30

Client ID: **GWEUS1**
Site: McCandless Fuels

Lab Sample ID: **899846**
Lab Job No: R024

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Extracted: 02/22/08
Date Analyzed: 02/26/08
GC Column: StxCLP1
Instrument ID: PESTGC6.i

Matrix: WATER
Sample Volume: 950 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: nr071774.d

**ORGANOCHLORINE PCBs - GC/ECD
METHOD 608**

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Aroclor-1016	ND	0.20
Aroclor-1221	ND	0.30
Aroclor-1232	ND	0.30
Aroclor-1242	ND	0.30
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.30
Aroclor-1260	ND	0.20
Aroclor-1262	ND	0.30
Aroclor-1268	ND	0.30

Client ID: **GWEDS1**
Site: McCandless Fuels

Lab Sample ID: **899847**
Lab Job No: R024

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Extracted: 02/22/08
Date Analyzed: 02/26/08
GC Column: StxCLP1
Instrument ID: PESTGC6.i

Matrix: WATER
Sample Volume: 990 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: nr071771.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 608

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Aroclor-1016	ND	0.20
Aroclor-1221	ND	0.30
Aroclor-1232	ND	0.30
Aroclor-1242	ND	0.30
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.30
Aroclor-1260	ND	0.20
Aroclor-1262	ND	0.30
Aroclor-1268	ND	0.30

Client ID: **GWEMM1**
Site: McCandless Fuels

Lab Sample ID: **899848**
Lab Job No: R024

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Extracted: 02/22/08
Date Analyzed: 02/26/08
GC Column: StxCLP1
Instrument ID: PESTGC6.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: nr071775.d

**ORGANOCHLORINE PCBs - GC/ECD
METHOD 608**

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Aroclor-1016	ND	0.20
Aroclor-1221	ND	0.30
Aroclor-1232	ND	0.30
Aroclor-1242	ND	0.30
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.30
Aroclor-1260	ND	0.20
Aroclor-1262	ND	0.30
Aroclor-1268	ND	0.30

Client ID: **GWEMS1**
Site: McCandless Fuels

Lab Sample ID: **899850**
Lab Job No: R024

Date Sampled: 02/18/08
Date Received: 02/19/08
Date Extracted: 02/22/08
Date Analyzed: 02/26/08
GC Column: StxCLP1
Instrument ID: PESTGC6.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: nr071773.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 608

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Aroclor-1016	ND	0.20
Aroclor-1221	ND	0.30
Aroclor-1232	ND	0.30
Aroclor-1242	ND	0.30
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.30
Aroclor-1260	ND	0.20
Aroclor-1262	ND	0.30
Aroclor-1268	ND	0.30