APPENDIX N

Groundwater Quality Summary Tables

POWERTECH (USA) INC.

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Data Qualifiers	
b -	analyte detected in method blank
d -	RL increased due to sample matrix interference
h -	analysis performed past recommended hold time
j -	not detected above minimum detectable concentration
l -	lowest available reporting limit for method used

POWERTECH (USA) INC.

Dewey-Burdock Project				Alluvial Water Quality					Summary Statistics on Hydro ID Means					
Hydro ID				675	676	677	678	679						
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*	Mean*	Mean*	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters														
Field Conductivity	umhos/cm			6157	2961.25	11255.5	5936.75	2665.75	5	0	2665.75	11255.5	5795.25	3456.54
Field Dissolved Oxygen	mg/L			0.82	7.915	0.775	1.535	9.44	5	0	0.775	9.44	4.097	4.23
Field pH	s.u.		6.5-8.5	7.115	6.98	6.7525	7.0075	7.435	5	0	6.7525	7.435	7.058	0.25
Field Temperature	Deg C			12.03	10.74	10.1025	10.7925	11.085	5	0	10.10	12.03	10.95	0.70
Field Turbidity	NTUs			20.85	510.6	3.75	7.75	798.5	5	0	3.75	798.5	268.29	367.06
Water Level Elevation	ft AMSL			3482.56	3643.9975	3561.71	3582.1725	3685.4625	5	0	3482.56	3685.46	3591.1805	78.15
Physical Properties														
Conductivity @ 25 C	umhos/cm			6205	2962.5	11375	5952.5	2460	5	0	2460	11375	5791	3552.27
Oxidation-Reduction Potential	mV			213.33	253.33	193.33	223.33	223.33	5	0	193.33	253.33	221.33	21.68
pH, Laboratory	s.u.		6.5-8.5	7.3475	7.24	7.16	7.385	7.59	5	0	7.16	7.59	7.3445	0.16
Sodium Adsorption Ratio (SAR)	unitless			6.43	0.94	16.33	5.03	0.86	5	0	0.86	16.33	5.92	6.32
Solids, Total Dissolved TDS @ 180 C	mg/L		500	5950	2750	9325	5875	2525	5	0	2525	9325	5285	2790.87
Major Ions														
Alkalinity, Total as CaCO3	mg/L			385	224	497	479	144.5	5	0	144.5	497	345.9	156.12
Bicarbonate as HCO3	mg/L			469.25	273.25	606	583.75	176.5	5	0	176.5	606	421.75	190.16
Calcium, Dissolved	mg/L			424.75	514.5	467	426	454	5	0	424.75	514.5	457.25	36.80
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	5	5	<5	<5	<5	<5
Chloride	mg/L		250	65.75	14.5	1625	68.75	12	5	0	12	1625	357.2	709.24
Fluoride	mg/L	4	2	0.4	0.275	0.225	0.6375	0.325	5	0	0.225	0.6375	0.3725	0.16
Magnesium, Dissolved	mg/L			371.25	115	405.75	441.5	97.625	5	0	97.625	441.5	286.225	166.22
Nitrogen, Ammonia as N	mg/L			0.325	<0.1	0.0875	<0.1	<0.1	5	3	<0.1	0.325	0.1125	0.12
Nitrogen, Nitrate as N	mg/L	10		0.055	0.865	0.1025	0.1475	1.225	5	0	0.055	1.225	0.479	0.53
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			24.85	11.875	11.325	19.15	11.7	5	0	11.325	24.85	15.78	6.03
Silica	mg/L			13.15	12.2	8.45	13.625	10.425	5	0	8.45	13.625	11.57	2.13
Sodium, Dissolved	mg/L			730.25	88.75	1965	612.5	76.875	5	0	76.875	1965	694.675	769.83
Sulfate, Total	mg/L		250	3522.5	1735	4425	3485	1485	5	0	1485	4425	2930.5	1265.91
Metals, Dissolved														
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	<0.001	0.001	0.001	<0.001	5	2	<0.001	0.001	0.001	0.0003
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.350	0.450	0.800	1.425	0.400	5	0	0.350	1.425	0.685	0.450
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	5	5	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	5	5	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	5	5	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.5525	<0.03	<0.03	<0.03	<0.03	5	4	<0.03	0.553	0.123	0.240
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	3.11	0.013	2.413	2.803	0.063	5	0	0.013	3.110	1.680	1.520
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	5	5	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.001	0.013	0.001	0.002	0.013	5	0	0.001	0.013	0.006	0.006
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	5	5	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	5	5	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.039	0.055	0.038	0.036	0.014	5	0	0.014	0.055	0.036	0.015
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	0.088	<0.1	5	4	<0.1	0.088	0.058	0.017
Zinc, Dissolved	mg/L		5	0.013	0.011	0.013	0.008	<0.01	5	1	<0.01	0.013	0.010	0.003
Metals, Dissolved, Speciated														
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			0.001	0.012	<0.001	0.001	0.011	5	1	<0.001	0.012	0.005	0.006
Metals, Suspended														
Uranium, Suspended	mg/L	0.03		0.001	0.020	0.008	0.001	0.003	5	0	0.001	0.020	0.007	0.008
Metals, Total														
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	5	5	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.002	0.011	0.001	0.002	0.009	5	0	0.001	0.011	0.005	0.005
Barium, Total	mg/L	2		<0.1	0.275	<0.1	<0.1	0.250	5	3	<0.1	0.275	0.135	0.117
Beryllium, Total	mg/L	0.004		<0.001	0.002	<0.001	<0.001	0.001	5	3	<0.001	0.002	0.001	0.001
Boron, Total	mg/L			0.175	0.450	0.700	1.500	0.225	5	0	0.175	1.500	0.610	0.539
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.001	5	5	<0.001	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	0.038	<0.05	<0.05	<0.05	5	4	<0.05	0.038	0.028	0.006
Copper, Total	mg/L		1	<0.01	0.063	<0.01	<0.01	0.025	5	3	<0.01	0.063	0.021	0.025
Iron, Total	mg/L		0.3	4.255	33.285	0.080	0.028	20.650	5	0	0.028	33.29	11.660	14.771
Lead, Total	mg/L			<0.001	0.030	<0.001	<0.001	0.019	5	3	<0.001	0.030	0.010	0.014
Manganese, Total	mg/L		0.05	3.210	1.275	2.180	2.665	0.460	5	0	0.460	3.210	1.958	1.099
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	0.0002	5	4	<0.0001	0.0002	0.00043	0.00015
Mercury, Total A3112B	mg/L	0.002		<0.0001	<0.0001	<0.0001	0.0001	NM	5	4	<0.0001	0.0001	0.00006	0.00003
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	0.030	0.015	5	3	<0.1	0.030	0.039	0.016
Nickel, Total	mg/L			<0.05	0.063	<0.05	<0.05	<0.05	5	4	<0.05	0.063	0.033	0.017
Selenium, Total	mg/L	0.05		0.003	0.013	0.003	0.004	0.014	5	0	0.003	0.014	0.007	0.005
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	5	5	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			8.550	8.900	10.800	10.600	7.550	5	0	7.550	10.800	9.280	1.390
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.0445	0.064	0.044	0.038	0.016	5	0	0.016	0.064	0.041	0.017
Zinc, Total	mg/L		5	<0.01	0.155	0.008	<0.01	0.075	5	2	<0.01	0.155	0.050	0.066

POWERTECH (USA) INC.

Dewey-Burdock Project				Alluvial Water Quality					Summary Statistics on Hydro ID Means					
Hydro ID				675	676	677	678	679						
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*	Mean*	Mean*	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Radionuclides, Dissolved														
Gross Alpha, Dissolved	pCi/L	15		30.4	54.025	62.95	34.575	18.5	5	0	18.5	62.95	40.09	18.08
Gross Beta, Dissolved	pCi/L			13.2	16	-7.5	18.05	11.25	5	0	-7.5	18.05	10.2	10.23
Gross Gamma, Dissolved	pCi/L			280	527.5	527.5	552.5	696.5	5	0	280	696.5	516.8	149.89
Lead 210, Dissolved	pCi/L			1.75	1.05	0.925	1.65	3.65	5	0	0.925	3.65	1.805	1.09
Polonium 210, Dissolved	pCi/L			0.925	1.425	0.9	1.175	0.95	5	0	0.9	1.425	1.075	0.22
Radium 226, Dissolved	pCi/L	5		0.225	0.125	0.3	0.125	1.2	5	0	0.125	1.2	0.395	0.46
Thorium 230, Dissolved	pCi/L			0.075	0.075	0.075	0.175	0.075	5	0	0.075	0.175	0.095	0.04
Radionuclides, Suspended														
Lead 210, Suspended	pCi/L			-1.05	-0.475	-0.2	0	-2.075	5	0	-2.075	0	-0.76	0.83
Polonium 210, Suspended	pCi/L			0.825	0.825	0.825	0.575	0.3	5	0	0.3	0.825	0.67	0.23
Radium 226, Suspended	pCi/L	5		1.2	3.87	0.8	0.4	3.05	5	0	0.4	3.87	1.86	1.51
Thorium 230, Suspended	pCi/L			0.375	1.1	0.675	0.1	1	5	0	0.1	1.1	0.65	0.42
Radionuclides, Total														
Lead 210, Total	pCi/L			14	<1	<1	<1	<1	5	4	<1	14	3.2	6.04
Polonium 210, Total	pCi/L			<1	<1	<1	<1	<1	5	5	<1	<1	<1	<1
Radium 226, Total	pCi/L	5		2.3	<0.2	<0.2	<0.2	2.5	5	3	<0.2	2.5	1.02	1.26
Radon 222, Total	pCi/L			818.33	631.33	983.33	521.67	1413.00	5	0	521.67	1413.00	873.53	349.50
Thorium 230, Total	pCi/L			<0.2	<0.2	<0.2	<0.2	1.9	5	4	<0.2	1.9	0.46	0.80
Data Quality Parameters														
A/C Balance (± 5)	%			0.8725	-1.008975	-0.285	0.40225	1.255	5	0	-1.01	1.255	0.25	0.91
Anions	meq/l			82.875	40	143.5	84.175	33.425	5	0	33.425	143.5	76.795	44.09
Cations	meq/l			84.425	136.025	143	84.925	34.35	5	0	34.35	143	96.545	44.35
Solids, Total Dissolved Calculated	mg/L			5372.5	2570	8990	5350	2197.5	5	0	2197.5	8990	4896	2733.41
TDS Balance (0.80 - 1.20)	dec. %			1.1075	1.0725	1.0375	1.105	1.1525	5	0	1.0375	1.1525	1.095	0.04

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Project				Fall River Water Quality								
Hydro ID				5	7	8	18	628	631	681	688	694
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*	Mean*	Mean*	Mean*	Mean*	Mean*	Mean*
Field Parameters												
Field Conductivity	umhos/cm			2622.5	1405.50	1266.50	1356.00	1480.50	2076.50	1338.67	1223.31	1432.00
Field Dissolved Oxygen	mg/L			1.995	4.22	5.42	1.31	0.07	2.23	0.24	2.12	0.24
Field pH	s.u.		6.5-8.5	7.8325	7.96	7.89	8.15	8.25	7.38	7.70	8.44	8.15
Field Temperature	Deg C			11.24	11.10	11.95	11.97	14.89	11.55	14.54	11.96	11.82
Field Turbidity	NTUs			1	0.43	0.10	0.73	1.80	0.23	1.67	5.23	2.18
Water Level Elevation	ft AMSL			NM	NM	3574.61	NM	3695.63	3715.24	3645.08	3663.2618	3639.08
Physical Properties												
Conductivity @ 25 C	umhos/cm			2870	1542.00	1457.50	1428.00	1860.00	2325.00	1323.33	1200.77	1388.33
Non-polar Materials (SGT-HEM)	mg/L			NM	<5	NM	<5	NM	NM	NM	NM	NM
Oxidation-Reduction Potential	mV			193.13	200.00	193.33	136.67	128.67	136.67	198.67	219.23	183.25
pH, Laboratory	s.u.		6.5-8.5	7.8675	8.11	7.95	8.09	8.24	7.53	7.94	8.45	8.25
Sodium Adsorption Ratio (SAR)	unitless			9.63	9.90	6.17	10.33	8.93	1.13	5.73	6.01	11.42
Solids, Total Dissolved TDS @ 180 C	mg/L		500	2250	990.00	975.00	960.00	1250.00	1975.00	908.00	773.85	910.00
Major Ions												
Alkalinity, Total as CaCO3	mg/L			120	171.20	169.00	180.00	154.00	162.50	173.07	144.77	180.17
Bicarbonate as HCO3	mg/L			146.25	209.20	206.00	219.40	184.25	198.25	211.00	162.77	218.75
Calcium, Dissolved	mg/L			124.5	35.60	54.10	34.16	39.33	318.50	62.90	46.42	30.10
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5	7.85	<5
Chloride	mg/L		250	23.25	11.80	12.00	13.20	47.00	9.50	15.20	11.31	12.67
Fluoride	mg/L	4	2	0.35	0.35	0.43	0.42	0.45	0.33	0.47	0.52	0.38
Magnesium, Dissolved	mg/L			49.925	15.00	23.68	12.10	16.60	91.20	24.14	19.88	10.51
Nitrogen, Ammonia as N	mg/L			0.375	0.34	0.19	0.18	0.30	<0.1	<0.1	0.25	0.39
Nitrogen, Nitrate as N	mg/L	10		<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			7.9	10.78	14.58	7.08	8.70	15.90	10.01	13.03	9.57
Silica	mg/L			8.125	6.73	6.10	6.70	5.18	6.35	6.37	11.18	6.25
Silicon as SiO2	mg/L			NM	7	NM	7	NM	NM	NM	NM	NM
Sodium, Dissolved	mg/L			502.5	274.40	221.25	275.80	320.25	92.35	210.93	191.85	283.42
Sulfate, Total	mg/L		250	1442.5	559.20	525.75	511.40	707.75	1240.00	483.40	425.38	484.92
Metals, Dissolved												
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.01	0.001	0.002	0.001	0.001	0.002	0.001	0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.425	<0.1	0.06	<0.1	0.21	0.14	0.05	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	0.04	0.45	<0.03	0.03	0.04
Lead, Dissolved	mg/L			0.001125	<0.01	<0.05	<0.05	<0.001	<0.05	0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.0625	0.03	0.09	0.06	0.10	0.30	0.09	0.04	0.06
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	0.03	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.000625	<0.005	0.000875	<0.005	0.000875	0.001375	<0.005	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.00195	<0.001	0.0002	0.01	0.003	0.003	0.01	<0.0003	<0.0003
Vanadium, Dissolved	mg/L			<0.1	<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	0.00875	<0.01	0.0125	<0.01	0.01	<0.01	0.01	<0.01	<0.01
Metals, Dissolved, Speciated												
Selenium-IV, Dissolved	mg/L			0.0007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	0.0007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended												
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	0.0005	<0.0003	<0.0003	0.0002	0.001	<0.0009
Metals, Total												
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.00075	0.00175	0.00175	0.00250	0.00250	0.00125	0.00379	0.00362	0.00121
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003
Boron, Total	mg/L			0.45	<0.1	<0.1	<0.1	0.08	0.15	<0.2	<0.2	<0.2
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	1.095	0.41	0.22	1.08	0.68	1.02	0.05	0.21	0.16
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	0.001	<0.001
Manganese, Total	mg/L		0.05	0.055	0.03	0.09	0.06	0.09	0.30	0.08	0.05	0.06
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		<0.0001	NM	NM	NM	NM	NM	<0.0001	<0.0001	NM
Molybdenum, Total	mg/L			0.03	<0.1	<0.1	<0.1	<0.1	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		0.00075	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001	<0.002
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			4.4	1.05	1.60	0.65	0.90	6.20	1.19	1.25	0.78
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.002	<0.0003	<0.0003	0.01	0.003	0.003	0.01	0.0002	<0.0003

POWERTECH (USA) INC.

Dewey-Burdock Project				Fall River Water Quality								
Hydro ID				5	7	8	18	628	631	681	688	694
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*	Mean*	Mean*	Mean*	Mean*	Mean*	Mean*
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01
Radionuclides, Dissolved												
Actinium 228, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Americium 241, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Barium 133, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Bismuth 212, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Bismuth 214, Dissolved	pCi/L			NM	300	NM	<20	NM	NM	NM	NM	NM
Cesium 134, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Cesium 137, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Cobalt 60, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Gross Alpha, Dissolved	pCi/L	15		8.725	9.48	5.58	26.16	54.33	80.05	1502.40	13.48	9.48
Gross Beta, Dissolved	pCi/L			3.15	11.12	19.53	10.12	22.88	32.15	437.33	14.28	6.84
Gross Gamma, Dissolved	pCi/L			512.75	283.40	407.50	216.00	452.50	765.00	4994.00	407.69	406.67
Iodine 125, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Iodine 131, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Lead 210, Dissolved	pCi/L			0.675	6.38	2.08	1.15	3.78	1.90	29.67	-0.22	-1.87
Lead 212, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Lead 214, Dissolved	pCi/L			NM	350.00	NM	<20	NM	NM	NM	NM	NM
Manganese 54, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Polonium 210, Dissolved	pCi/L			1	0.78	0.60	0.80	1.00	1.18	2.36	0.36	0.11
Potassium 40, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Radium 223, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Radium 224, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Radium 226, Dissolved	pCi/L	5		1.25	1.18	1.38	2.98	10.80	15.98	379.80	2.38	1.21
Radium 226, Dissolved E901.1	pCi/L	5		NM	300.00	NM	<20	NM	NM	NM	NM	NM
Radium 228, Dissolved	pCi/L			NM	<1	NM	2.30	NM	NM	NM	NM	NM
Radium 228, Dissolved E901.1	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Thallium 208, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Thorium 228, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Thorium 230, Dissolved	pCi/L			0.125	0.08	0.10	0.10	0.08	0.10	0.07	0.01	0.05
Thorium 234, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Uranium 238, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Zinc 65, Dissolved	pCi/L			NM	<20	NM	<20	NM	NM	NM	NM	NM
Radionuclides, Suspended												
Lead 210, Suspended	pCi/L			-0.875	-1.48	1.95	7.78	0.68	1.78	11.76	-1.15	-0.11
Polonium 210, Suspended	pCi/L			0.375	0.35	0.35	2.18	1.88	0.40	2.04	0.15	0.13
Radium 226, Suspended	pCi/L	5		0.45	0.09	1.50	1.58	0.45	0.64	1.77	-0.02	-0.18
Thorium 230, Suspended	pCi/L			0.1	0.15	0.08	0.10	0.15	0.20	0.09	1.29	-0.02
Radionuclides, Total												
Lead 210, Total	pCi/L			<1	<1	<1	<1	<1	<1	NM	NM	NM
Polonium 210, Total	pCi/L			<1	<1	<1	6.00	6.40	<1	NM	NM	NM
Radium 226, Total	pCi/L	5		2.4	<0.2	3.50	4.00	6.80	15.20	NM	NM	NM
Radon 222, Total	pCi/L			926	299.67	322.00	1034.25	4046.67	4190.00	278029.73	404.47	276.83
Thorium 230, Total	pCi/L			<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NM	NM	NM
Data Quality Parameters												
A/C Balance (± 5)	%			0.32475	0.75	1.17	0.91	-0.10	-1.78	2.57	2.33	3.07
Anions	meq/l			32.125	15.00	14.30	14.78	17.68	28.75	13.84	12.08	14.07
Cations	meq/l			32.4	15.25	14.65	15.08	17.50	27.88	14.57	12.66	14.98
Solids, Total Dissolved Calculated	mg/L			2177.5	999.00	938.25	983.00	1168.25	1845.00	919.73	826.00	956.58
TDS Balance (0.80 - 1.20)	dec. %			1.045	1.01	1.06	0.98	1.08	1.07	0.99	0.94	0.95

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Project				Fall River Water Quality			Summary Statistics on Hydro ID Means					
Hydro ID				695	698	706						
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters												
Field Conductivity	umhos/cm			1392.73	2430.50	1589.17	12	0	1223.31	2622.50	1634.49	472.17
Field Dissolved Oxygen	mg/L			0.18	0.24	NM	11	0	0.07	5.42	1.66	1.79
Field pH	s.u.		6.5-8.5	7.80	6.73	7.44	12	0	6.73	8.44	7.81	0.46
Field Temperature	Deg C			12.16	11.71	13.40	12	0	11.10	14.89	12.36	1.24
Field Turbidity	NTUs			2.12	13.14	NM	11	0	0.10	13.14	2.60	3.78
Water Level Elevation	ft AMSL			3631.82	3679.84	3725.07	9	0	3574.61	3725.07	3663.29	46.92
Physical Properties												
Conductivity @ 25 C	umhos/cm			1382.5	2427.50	1512.50	12	0	1200.77	2870.00	1726.45	529.83
Non-polar Materials (SGT-HEM)	mg/L			NM	NM	NM	2	2	<5	<5	<5	<5
Oxidation-Reduction Potential	mV			208.33333	139.23	257.50	12	0	128.67	257.50	182.89	39.78
pH, Laboratory	s.u.		6.5-8.5	8.0108333	7.10	7.49	12	0	7.10	8.45	7.92	0.38
Sodium Adsorption Ratio (SAR)	unitless			7.55	0.98	2.27	12	0	0.98	11.42	6.67	3.63
Solids, Total Dissolved TDS @ 180 C	mg/L		500	925	2183.33	1200.00	12	0	773.85	2250.00	1275.01	538.01
Major Ions												
Alkalinity, Total as CaCO3	mg/L			174.33333	117.17	196.67	12	0	117.17	196.67	161.91	24.12
Bicarbonate as HCO3	mg/L			212.58333	142.92	239.67	12	0	142.92	239.67	195.92	30.58
Calcium, Dissolved	mg/L			50.383333	368.00	167.17	12	0	30.10	368.00	110.93	116.43
Carbonate as CO3	mg/L			<5	<5	<5	12	11	<5	7.85	2.95	1.54
Chloride	mg/L		250	12.083333	9.75	9.66	12	0	9.50	47.00	15.62	10.55
Fluoride	mg/L	4	2	0.45	0.33	0.51	12	0	0.33	0.52	0.41	0.07
Magnesium, Dissolved	mg/L			18.283333	133.75	47.63	12	0	10.51	133.75	38.56	37.85
Nitrogen, Ammonia as N	mg/L			0.1833333	0.16	0.05	12	2	<0.1	0.39	0.21	0.12
Nitrogen, Nitrate as N	mg/L	10		0.0508333	0.05	0.06	12	8	<0.1	0.06	0.05	0.004
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			9.025	15.98	11.85	12	0	7.08	15.98	11.20	3.06
Silica	mg/L			5.6875	8.12	8.33	12	0	5.18	11.18	7.09	1.63
Silicon as SiO2	mg/L			NM	NM	NM	2	0	7.00	7.00	7.00	0.00
Sodium, Dissolved	mg/L			246	86.60	129.42	12	0	86.60	502.50	236.23	113.07
Sulfate, Total	mg/L		250	491.83333	1370.00	676.83	12	0	425.38	1442.50	743.25	377.51
Metals, Dissolved												
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.000625	<0.001	0.001	12	3	<0.001	0.002	0.001	0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	0.07	0.05	12	5	<0.1	0.425	0.10	0.11
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	12	12	<0.005	<0.01	<0.01	<0.01
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.0195833	2.58	<0.03	12	6	<0.03	2.58	0.27	0.74
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	12	10	<0.001	0.001125	0.01	0.01
Manganese, Dissolved	mg/L		0.05	0.0791667	2.41	0.54	12	0	0.03	2.41	0.32	0.67
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	12	11	<0.05	0.03	0.03	0.0003
Selenium, Dissolved	mg/L	0.05		<0.001	0.000542	0.000625	12	6	<0.001	0.001375	0.0012	0.0008
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	12	12	<0.005	<0.01	<0.01	<0.01
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0028333	0.11	0.01	12	3	<0.0003	0.11	0.012	0.03
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	12	11	<0.1	0.06	0.05	0.004
Zinc, Dissolved	mg/L		5	0.00625	0.01	0.01	12	5	<0.01	0.0125	0.01	0.002
Metals, Dissolved, Speciated												
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	12	11	<0.001	0.0007	0.0005	0.00006
Selenium-VI, Dissolved	mg/L			<0.001	0.001	0.001	12	9	<0.001	0.0007	0.0005	0.0001
Metals, Suspended												
Uranium, Suspended	mg/L	0.03		<0.0009	0.0031	0.0002	12	7	<0.0003	0.0031	0.0006	0.0009
Metals, Total												
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	12	12	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.00125	0.00254	0.00175	12	0	0.00075	0.00379	0.00205	0.00096
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.005	<0.003	<0.001	12	12	<0.001	<0.005	<0.005	<0.005
Boron, Total	mg/L			0.0583333	0.06	0.05	12	6	<0.1	0.45	0.11	0.11
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.1536364	4.76	0.04	12	0	0.04167	4.76417	0.82336	1.30501
Lead, Total	mg/L			<0.001	0.00	<0.001	12	9	<0.001	0.002	0.001	0.0004
Manganese, Total	mg/L		0.05	0.0808333	2.49	0.56	12	0	0.03000	2.48500	0.32747	0.69603
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	3	3	<0.0001	<0.0001	<0.0001	<0.0001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	12	11	<0.01	0.03	0.04	0.01
Nickel, Total	mg/L			<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		0.0008333	0.001	0.001	12	5	<0.001	0.001	0.001	0.0003
Silver, Total	mg/L		0.1	<0.005	<0.02	<0.005	12	12	<0.005	<0.02	<0.02	<0.02
Strontium, Total	mg/L			0.9416667	4.83	2.32	12	0	0.65	6.20	2.18	1.89
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.002875	0.11	0.01	12	3	<0.0003	0.11	0.01	0.03

POWERTECH (USA) INC.

Dewey-Burdock Project				Fall River Water Quality			Summary Statistics on Hydro ID Means					
Hydro ID				695	698	706						
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	0.0058333	0.01	<0.01	12	6	<0.01	0.01	0.01	0.002
Radionuclides, Dissolved												
Actinium 228, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Americium 241, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Barium 133, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Bismuth 212, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Bismuth 214, Dissolved	pCi/L			NM	NM	NM	2	1	<20	300	155	205
Cesium 134, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Cesium 137, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Cobalt 60, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Gross Alpha, Dissolved	pCi/L	15		28.408333	1504.69	29.60	12	0	5.58	1504.69	272.70	575.34
Gross Beta, Dissolved	pCi/L			9.85	483.65	23.88	12	0	3.15	483.65	89.56	173.73
Gross Gamma, Dissolved	pCi/L			403.33333	1218.33	600.93	12	0	216.00	4994.00	889.01	1319.15
Iodine 125, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Iodine 131, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Lead 210, Dissolved	pCi/L			-0.516667	0.48	0.14	12	0	-1.87	29.67	3.64	8.48
Lead 212, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Lead 214, Dissolved	pCi/L			NM	NM	NM	2	1	<20	350.00	180.00	240.42
Manganese 54, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Polonium 210, Dissolved	pCi/L			0.2009167	0.62	0.02	12	0	0.02	2.36	0.75	0.63
Potassium 40, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Radium 223, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Radium 224, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Radium 226, Dissolved	pCi/L	5		4.7916667	388.17	2.58	12	0	1.18	388.17	67.71	147.81
Radium 226, Dissolved E901.1	pCi/L	5		NM	NM	NM	2	1	<20	300.00	155.00	205.06
Radium 228, Dissolved	pCi/L			NM	NM	NM	2	1	<1	2.30	1.40	1.27
Radium 228, Dissolved E901.1	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Thallium 208, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Thorium 228, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Thorium 230, Dissolved	pCi/L			0.0316667	0.04	0.07	12	0	0.01	0.13	0.07	0.03
Thorium 234, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Uranium 238, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Zinc 65, Dissolved	pCi/L			NM	NM	NM	2	2	<20	<20	<20	<20
Radionuclides, Suspended												
Lead 210, Suspended	pCi/L			0.35	2.38	0.42	12	0	-1.48	11.76	1.96	3.94
Polonium 210, Suspended	pCi/L			0.1448333	1.00	0.03	12	0	0.03	2.18	0.75	0.81
Radium 226, Suspended	pCi/L	5		-0.13875	7.91	0.04	12	0	-0.18	7.91	1.17	2.23
Thorium 230, Suspended	pCi/L			0.06	0.58	-0.07	12	0	-0.07	1.29	0.23	0.37
Radionuclides, Total												
Lead 210, Total	pCi/L			NM	NM	NM	6	6	<1	<1	<1	<1
Polonium 210, Total	pCi/L			NM	NM	NM	6	4	<1	6.40	2.40	2.95
Radium 226, Total	pCi/L	5		NM	NM	NM	6	1	<0.2	15.20	5.33	5.30
Radon 222, Total	pCi/L			1789.1667	33633.33	336.58	12	0	276.83	278029.73	27107.39	79574.79
Thorium 230, Total	pCi/L			NM	NM	NM	6	6	<0.2	<0.2	<0.2	<0.2
Data Quality Parameters												
A/C Balance (± 5)	%			3.0391667	4.21	-0.26	12	0	-1.78	4.21	1.35	1.72
Anions	meq/l			14.091667	31.13	18.33	12	0	12.08	32.13	18.85	7.36
Cations	meq/l			14.958333	33.83	18.23	12	0	12.66	33.83	19.33	7.51
Solids, Total Dissolved Calculated	mg/L			947.83333	2075.83	1216.67	12	0	826.00	2177.50	1254.47	486.32
TDS Balance (0.80 - 1.20)	dec. %			0.9758333	1.05	1.01	12	0	0.94	1.08	1.01	0.05

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Project				Chilson Water Quality									
Hydro ID				2	13	16	42	615	619	622	650	680	689
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*	Mean*	Mean*	Mean *	Mean*	Mean*	Mean*	Mean*
Field Parameters													
Field Conductivity	umhos/cm			1436.25	1128	958	1331.75	1069	1905.5	1326	1656.25	2580.21	1098.54
Field Dissolved Oxygen	mg/L			1.87	1.515	0.25	3.285	0.27	1.14	0.136	1.885	0.265	0.142
Field pH	s.u.		6.5-8.5	7.96	7.9525	7.41	8	7.10	7.1475	7.64	7.5375	6.91857143	7.7023077
Field Temperature	Deg C			12.586667	9.85	11.95	9.3825	14.81	11.3966667	14.11	12.0075	12.7421429	15.386154
Field Turbidity	NTUs			0.6666667	2.6	0.5	0.4	2.34	11.0666667	19.83	29.3	1.9125	22.916667
Water Level Elevation	ft AMSL			NM	NM	NM	NM	3690.07	3679.16	3709.02	3682.155	3661.27364	3685.339
Physical Properties													
Conductivity @ 25 C	umhos/cm			1580	1292	1063	1408	1054.92	2175	1297.5	1817.5	2621.42857	1072.4615
Non-polar Materials (SGT-HEM)	mg/L			NM	<5	<5	<5	NM	NM	NM	NM	NM	NM
Oxidation-Reduction Potential	mV			173	230	223.3333	203.333333	229.17	31.6	219.167	170	195.714286	218.46154
pH, Laboratory	s.u.		6.5-8.5	7.9025	7.904	7.46	8.022	7.48	7.2825	7.769	7.24	7.34285714	7.93
Sodium Adsorption Ratio (SAR)	unitless			8.6	4.8	0.943333	10.2333333	3.49	1.1	4.708	2.1	1.56428571	5.4461538
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1100	878	814	950	708.33	2025	900	1575	2292.85714	720.76923
Major Ions													
Alkalinity, Total as CaCO3	mg/L			210.5	159.2	152.8	178	138	117.5	175.5	71	249.285714	150
Bicarbonate as HCO3	mg/L			256.75	192.6	187.2	217	168	143	213.92	86.75	303.857143	182.76923
Calcium, Dissolved	mg/L			53	62.02	117.8	34.74	73.29	321.25	81.825	166.5	385.5	46.915385
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	10.25	10.6	5.04	12.4	5	10	10.25	17	12.9285714	5.2307692
Fluoride	mg/L	4	2	0.25	0.446	0.414	0.398	0.53	0.25	0.43	0.075	0.34285714	0.5384615
Magnesium, Dissolved	mg/L			17.25	24	45.78	11.8	21.86	114.1	29.12	79.525	124.142857	15.961538
Nitrogen, Ammonia as N	mg/L			0.2875	0.2	0.12	0.12	<0.1	0.225	0.05	0.5	0.06071429	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	0.08	0.08	0.05	<0.1	0.0525	<0.1	0.05178571	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			11.35	11.06	16.08	7.18	9.11	16.8	10.96	16.45	19.3714286	8.1153846
Silica	mg/L			7.275	6	6.175	6.45	6.8	6.375	5.725	1.2375	7	7.0769231
Silicon as SiO2	mg/L			NM	7	7	7	NM	NM	NM	NM	NM	NM
Sodium, Dissolved	mg/L			283	175.8	47.42	265.6	133	86.6	177.92	122.25	137.5	176.15385
Sulfate, Total	mg/L		250	594.5	481.8	449.6	493.6	396	1290	491.75	986.5	1351.42857	388.76923
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1875	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.000625	<0.01	0.0016	0.0015	0.0155	0.000625	0.0006	0.000875	0.0045	0.0016154
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.0625	<0.1	0.064	0.06	<0.1	<0.1	<0.1	0.075	0.13214286	0.0538462
Cadmium, Dissolved	mg/L	0.005		<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	0.025	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	0.38	3.1475	0.02375	3.51	0.16571429	<0.03
Lead, Dissolved	mg/L			<0.05	<0.01	<0.01	<0.01	<0.001	0.00275	0.0006	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.0825	0.154	0.125	0.078	0.07	1.505	0.18	1.3	0.44928571	0.0392308
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	0.024	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.005	<0.005	0.001	<0.001	<0.005	<0.001	0.001375	0.0009	<0.001
Silver, Dissolved	mg/L		0.1	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	<0.001	0.00113	0.0242	0.0025	0.00165	0.00425	0.0006	0.03441429	0.0035
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	0.013	0.034	0.017	<0.01	0.06	0.01	0.00875	0.00714286	<0.01
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	0.00066667	<0.001	<0.001	<0.001	<0.001	0.00060714	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		0.0001875	<0.0003	<0.0003	0.0008375	0.0004	<0.0003	0.0003	0.00125	0.00025714	0.0002962
Metals, Total													
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	0.002	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.0025	0.00075	0.0025	0.003	0.023	0.002	0.005	0.0015	0.00407692	0.0026154
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.067	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.003	<0.003
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.1	0.075	<0.1	0.058	0.1	0.09615385	0.0538462
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	0.0075	<0.01	0.0425	<0.01	<0.01
Iron, Total	mg/L		0.3	1.51	3.835	0.255	0.155	1.3625	12.45	3.823	8.29	0.30538462	0.9784615
Lead, Total	mg/L			<0.001	<0.001	<0.003	<0.001	0.002	0.0035	0.008375	0.026	<0.001	0.0021923
Manganese, Total	mg/L		0.05	0.09	0.18	0.135	0.08	0.069	1.735	0.1925	0.61	0.45923077	0.0630769
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	NM	NM	NM	NM	NM	<0.0001	<0.0001
Molybdenum, Total	mg/L			<0.1	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	0.00125	<0.001	0.00075	<0.001	0.000875	<0.001	<0.005	0.0008462
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.02
Strontium, Total	mg/L			1.75	1.6	2.7	0.7	1.375	5.3	1.421	2.35	7.44615385	0.9384615
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0006154
Uranium, Total	mg/L	0.03		0.0002333	<0.0003	0.000425	0.01735	0.0024	0.0018	0.005	0.000275	0.02434615	0.0048462

POWERTECH (USA) INC.

Dewey-Burdock Project				Chilson Water Quality									
Hydro ID				2	13	16	42	615	619	622	650	680	689
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*	Mean*	Mean*	Mean *	Mean*	Mean*	Mean*	Mean*
Zinc, Total	mg/L		5	<0.01	0.055	0.0175	0.025	0.0067	0.13	0.063	0.045	0.00961538	0.0130769
Radionuclides, Dissolved													
Actinium 228, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Americium 241, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Barium 133, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Bismuth 212, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Bismuth 214, Dissolved	pCi/L			NM	<20	770	1600	NM	NM	NM	NM	NM	NM
Cesium 134, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Cesium 137, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Cobalt 60, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Gross Alpha, Dissolved	pCi/L	15		6.25	10.42	59.78	478	19.45	386	148.742	5.925	4990.71429	39.007692
Gross Beta, Dissolved	pCi/L			13.525	12	34.72	131.5	9.7	151.5	70.258	16.075	1629.28571	14.546154
Gross Gamma, Dissolved	pCi/L			70	866	1054	15530	351.833	1153.75	112.5	827.5	3543.57143	398.92308
Iodine 125, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Iodine 131, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Lead 210, Dissolved	pCi/L			1.15	2.45	-5.575	13.575	0.692	4.725	-0.167	6.85	19.2928571	-2.038462
Lead 212, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Lead 214, Dissolved	pCi/L			NM	<20	810	1800	NM	NM	NM	NM	NM	NM
Manganese 54, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Polonium 210, Dissolved	pCi/L			1.175	0.9	0.3	2.025	0.259	0.7	0.227	0.3	0.79992857	0.2391538
Potassium 40, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Radium 223, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Radium 224, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Radium 226, Dissolved	pCi/L	5		1.15	1.64	17.92	97.22	2.4	107.425	3.358	1.925	1289.28571	6.1307692
Radium 226, Dissolved E901.1	pCi/L	5		NM	<20	770	1600	NM	NM	NM	NM	NM	NM
Radium 228, Dissolved	pCi/L			NM	<1	<1	<1	NM	NM	NM	NM	NM	NM
Radium 228, Dissolved E901.1	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Thallium 208, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Thorium 228, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Thorium 230, Dissolved	pCi/L			0.075	0.15	0.15	0.2	0.075	0.15	0.041	0.15	0.08507143	0.0460769
Thorium 234, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Uranium 238, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Zinc 65, Dissolved	pCi/L			NM	<20	<20	<20	NM	NM	NM	NM	NM	NM
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			0.725	0.325	0.325	22.125	2.133	3.5	0.675	4.8	4.15	-1.653846
Polonium 210, Suspended	pCi/L			0.375	1.55	0.45	4.1	0.104	0.375	0.942	0.6	1.69714286	0.1843077
Radium 226, Suspended	pCi/L	5		0.65	0.4525	0.325	1.25	-0.122	5.95	0.233	0.345	6.31428571	0.1638462
Thorium 230, Suspended	pCi/L			0.1	0.2	0.075	0.1	0.156	0.125	0.009	0.3	0.08071429	0.1307692
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	<1	<1	57	NM	<1	NM	<1	NM	NM
Polonium 210, Total	pCi/L			<1	5.2	<1	13	NM	<1	NM	<1	NM	NM
Radium 226, Total	pCi/L	5		2.2	1.1	17.4	79.7	NM	120	NM	3.2	NM	NM
Radon 222, Total	pCi/L			731	327.5	17860	180750	1582.5	4780	1063.43	196.666667	105835.714	1900.7692
Thorium 230, Total	pCi/L			<0.2	<0.2	<0.2	<0.2	NM	<0.2	NM	<0.2	NM	NM
Data Quality Parameters													
A/C Balance (± 5)	%			-0.59175	-0.695	-0.4425	2.017	1.33	2.1475	1.24	-1.54	3.53571429	1.0869231
Anions	meq/l			16.9	13.2	11.7	14.025	11.17	28.425	14.06	21.35	33.5	11.284615
Cations	meq/l			16.7	13.05	11.6	14.625	11.47	29.85	14.53	20.875	35.9642857	11.530769
Solids, Total Dissolved Calculated	mg/L			1107.5	856	732.5	932.5	739	1867.5	923.33	1380	2198.57143	751.38462
TDS Balance (0.80 - 1.20)	dec. %			0.9675	1.0275	1.07	1.025	0.96	1.075	0.98	1.115	1.04285714	0.9592308

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Project				Chilson Water Quality					Summary Statistics on Hydro ID Means					
Hydro ID				696	697	705	3026	7002						
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*	Mean*	Mean*	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters														
Field Conductivity	umhos/cm			1414.167	1262.92	1345.83	2749.917	2115.25	15	0	958.00	2749.92	1558.47	546.07
Field Dissolved Oxygen	mg/L			0.99	0.218	NM	1.215	1.16	14	0	0.14	3.29	1.02	0.91
Field pH	s.u.		6.5-8.5	7.565455	7.76	8.30667	7.228333	7.3925	15	0	6.92	8.31	7.58	0.39
Field Temperature	Deg C			12.9775	13.9167	14.1833	12.04667	11.6025	15	0	9.38	15.39	12.60	1.71
Field Turbidity	NTUs			5.633333	2.63333	NM	10.56667	1.6	14	0	0.40	29.30	8.00	9.50
Water Level Elevation	ft AMSL			3647.934	3682.12	3709.73	3681.97	NM	10	0	3647.93	3709.73	3682.88	18.75
Physical Properties														
Conductivity @ 25 C	umhos/cm			1370	1228.42	1333.33	2688.333	2327.5	15	0	1054.92	2688.33	1621.96	565.51
Non-polar Materials (SGT-HEM)	mg/L			NM	NM	NM	NM	NM	3	3	<5	<5	<5	<5
Oxidation-Reduction Potential	mV			234.1667	211.667	235.833	164.3	196.667	15	0	31.60	235.83	195.78	51.14
pH, Laboratory	s.u.		6.5-8.5	7.734167	7.98667	8.04917	7.095	7.3575	15	0	7.10	8.05	7.64	0.33
Sodium Adsorption Ratio (SAR)	unitless			3.858333	6.5	3.9	2.225	2.56667	15	0	0.94	10.23	4.13	2.70
Solids, Total Dissolved TDS @ 180 C	mg/L		500	982.5	830	940.833	2358.333	1875	15	0	708.33	2358.33	1263.38	591.04
Major Ions														
Alkalinity, Total as CaCO3	mg/L			201.3333	167	135.5	174.1667	261	15	0	71.00	261.00	169.39	48.47
Bicarbonate as HCO3	mg/L			245.4167	203.5	164.25	210.5833	318.25	15	0	86.75	318.25	206.27	59.13
Calcium, Dissolved	mg/L			97.675	51.9833	84.9417	380.1667	230	15	0	34.74	385.50	145.84	123.46
Carbonate as CO3	mg/L			<5	<5	<5	3.125	<5	15	14	<5	3.125	2.54	0.17
Chloride	mg/L		250	9.166667	8.25	7.51667	17.5	9.75	15	0	5.00	17.50	10.06	3.80
Fluoride	mg/L	4	2	0.325	0.55	0.36667	0.45	0.3	15	0	0.08	0.55	0.38	0.13
Magnesium, Dissolved	mg/L			36.4	17.3333	31.1333	113.5583	88.2	15	0	11.80	124.14	51.34	40.68
Nitrogen, Ammonia as N	mg/L			0.216667	0.16667	0.1875	0.616667	0.25	15	2	<0.1	0.62	0.24	0.17
Nitrogen, Nitrate as N	mg/L	10		<0.1	0.05208	<2	0.0575	<0.1	15	8	<0.1	0.08	0.12	0.24
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	0.15	<0.1	<0.1	15	14	<0.1	0.15	0.06	0.03
Potassium, Dissolved	mg/L			13.4	8.8	11.9667	21.65	21.2	15	0	7.18	21.65	13.57	4.75
Silica	mg/L			6.3875	6.60833	8.64167	5.0875	6.675	15	0	1.24	8.64	6.23	1.59
Silicon as SiO2	mg/L			NM	NM	NM	NM	NM	3	0	7.00	7.00	7.00	0.00
Sodium, Dissolved	mg/L			176.0833	211.833	163.667	188	175.75	15	0	47.42	283.00	168.00	60.29
Sulfate, Total	mg/L		250	513.25	451.333	530.667	1509.167	1075	15	0	388.77	1509.17	733.54	392.36
Metals, Dissolved														
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	15	14	<0.1	0.1875	0.06	0.04
Arsenic, Dissolved	mg/L	0.01		0.001417	0.00113	0.00063	0.005	0.00088	15	1	<0.01	0.0155	0.003	0.004
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	15	15	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	0.06667	0.154167	<0.1	15	7	<0.1	0.15	0.07	0.03
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	15	15	<0.005	<0.01	<0.01	<0.01
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	15	15	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	15	14	<0.01	0.025	0.01	0.01
Iron, Dissolved	mg/L		0.3	0.017917	0.03292	0.01625	6.2175	0.15125	15	5	<0.03	6.2175	0.92	1.86
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	15	13	<0.001	0.00275	0.003	0.004
Manganese, Dissolved	mg/L		0.05	0.1475	0.05417	0.03708	1.0275	0.3875	15	0	0.04	1.51	0.38	0.49
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	15	15	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	0.066667	<0.1	15	14	<0.001	0.0667	0.05	0.01
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	15	14	<0.05	0.024	0.03	0.0065
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	0.001	0.000958	0.001	15	9	<0.001	0.001375	0.001	0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	15	15	<0.005	<0.01	<0.01	<0.01
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	15	15	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.000558	<0.0003	0.0002	0.010475	0.0006	15	3	<0.0003	0.034	0.006	0.01
Vanadium, Dissolved	mg/L			0.054167	<0.1	<0.1	0.05417	<0.1	15	13	<0.1	0.05	0.05	0.013
Zinc, Dissolved	mg/L		5	<0.01	0.00542	0.00542	0.008333	<0.01	15	5	<0.01	0.06	0.01	0.02
Metals, Dissolved, Speciated														
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	0.000542	<0.001	15	14	<0.001	0.0005	0.0005	0.00001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	0.00063	0.000958	<0.001	15	11	<0.001	0.0010	0.0006	0.0001
Metals, Suspended														
Uranium, Suspended	mg/L	0.03		<0.0009	0.00026	0.00026	0.0014	<0.0003	15	5	<0.0003	0.0014	0.0004	0.0004
Metals, Total														
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	15	14	<0.003	0.002	0.0015	0.00003
Arsenic, Total	mg/L	0.01		0.002583	0.00167	0.00171	0.018417	0.0025	15	0	0.001	0.02	0.005	0.01
Barium, Total	mg/L	2		<0.1	0.0625	<0.1	<0.1	<0.1	15	13	<0.1	0.067	0.05	0.01
Beryllium, Total	mg/L	0.004		<0.003	<0.003	<0.001	0.000542	<0.001	15	14	<0.001	0.0005	0.0041	0.0127
Boron, Total	mg/L			0.058333	<0.2	0.0625	0.166667	<0.1	15	7	<0.001	0.1667	0.07	0.03
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	15	15	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	15	15	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	0.005417	<0.01	15	12	<0.01	0.0425	0.008	0.01
Iron, Total	mg/L		0.3	0.160833	0.08	0.21042	15.3025	1.285	15	0	0.08	15.30	3.33	4.84
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	15	10	<0.001	0.026	0.0032	0.0066
Manganese, Total	mg/L		0.05	0.160833	0.055	0.03958	1.079167	0.385	15	0	0.04	1.74	0.36	0.47
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	15	15	<0.001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	<0.0001	NM	3	3	<0.0001	<0.0001	<0.0001	<0.0001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	0.075	<0.1	15	14	<0.01	0.075	0.05	0.01
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	15	15	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		0.000917	0.00113	0.00054	0.001917	<0.001	15	7	<0.001	0.0019	0.001	0.00
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	15	15	<0.005	<0.02	<0.02	<0.02
Strontium, Total	mg/L			2.766667	1.15	2.64167	6.35	7.15	15	0	0.70	7.45	3.04	2.33
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	15	14	<0.001	0.000615	0.00051	0.00003
Uranium, Total	mg/L	0.03		0.000558	0.00016	0.00016	0.011583	0.00055	15	1	<0.0003	0.02	0.0046	0.01

POWERTECH (USA) INC.

Dewey-Burdock Project				Chilson Water Quality					Summary Statistics on Hydro ID Means					
Hydro ID				696	697	705	3026	7002						
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*	Mean*	Mean*	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	0.006667	0.00875	<0.01	0.009583	<0.01	15	3	<0.01	0.13	0.03	0.03
Radionuclides, Dissolved														
Actinium 228, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Americium 241, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Barium 133, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Bismuth 212, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Bismuth 214, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	1	<20	1600.00	793.33	795.26
Cesium 134, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Cesium 137, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Cobalt 60, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Gross Alpha, Dissolved	pCi/L	15		13.25833	9.71667	3.55833	54	51.575	15	0	3.56	4990.71	418.43	1273.13
Gross Beta, Dissolved	pCi/L			11.41667	7.76667	11.575	22.675	33.4	15	0	7.77	1629.29	144.66	413.17
Gross Gamma, Dissolved	pCi/L			387.5	464.167	595.833	386.6667	792.5	15	0	70.00	15530.00	1768.98	3895.73
Iodine 125, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Iodine 131, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Lead 210, Dissolved	pCi/L			-0.96667	-2.7583	0.29417	-0.116667	3.35	15	0	-5.58	19.29	2.72	6.43
Lead 212, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Lead 214, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	1	<20	1800.00	873.33	896.68
Manganese 54, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Polonium 210, Dissolved	pCi/L			0.376167	0.06725	0.02367	0.149417	1.5	15	0	0.02	2.03	0.60	0.58
Potassium 40, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Radium 223, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Radium 224, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Radium 226, Dissolved	pCi/L	5		2.016667	1.51667	1.7	5.6	8.35	15	0	1.15	1289.29	103.18	329.94
Radium 226, Dissolved E901.1	pCi/L	5		NM	NM	NM	NM	NM	3	1	<0	1600.00	1185.00	586.90
Radium 228, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<1	<1	<1	<1
Radium 228, Dissolved E901.1	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Thallium 208, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Thorium 228, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Thorium 230, Dissolved	pCi/L			0.045833	0.0475	0.131	0.0475	0.1	15	0	0.04	0.20	0.10	0.05
Thorium 234, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Uranium 238, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Zinc 65, Dissolved	pCi/L			NM	NM	NM	NM	NM	3	3	<20	<20	<20	<20
Radionuclides, Suspended														
Lead 210, Suspended	pCi/L			-0.59167	-0.5167	0.4925	-1.325	1.95	15	0	-1.65	22.13	2.47	5.76
Polonium 210, Suspended	pCi/L			0.158	0.21618	0.02091	0.197917	0.425	15	0	0.02	4.10	0.76	1.05
Radium 226, Suspended	pCi/L	5		-0.15333	0.23167	-0.02	0.483333	0.1625	15	0	-0.15	6.31	1.08	2.08
Thorium 230, Suspended	pCi/L			0.025833	0.02083	-0.1375	0.144167	0.075	15	0	-0.14	0.30	0.09	0.10
Radionuclides, Total														
Lead 210, Total	pCi/L			NM	NM	NM	NM	<1	7	6	<1	57.00	9.92	23.07
Polonium 210, Total	pCi/L			NM	NM	NM	NM	<1	7	5	<1	13.00	2.96	4.76
Radium 226, Total	pCi/L	5		NM	NM	NM	NM	6.3	7	0	1.10	120.00	32.84	47.54
Radon 222, Total	pCi/L			339	335.917	223.833	462.75	986.667	15	0	196.67	180750.00	21158.38	51760.32
Thorium 230, Total	pCi/L			NM	NM	NM	NM	<0.2	7	7	<0.2	<0.2	<0.2	<0.2
Data Quality Parameters														
A/C Balance (± 5)	%			2.93	1.85667	0.9625	2.659167	-0.06	15	0	-1.54	3.54	1.10	1.49
Anions	meq/l			14.99167	12.9917	13.9917	35.41667	26.925	15	0	11.17	35.42	18.66	8.34
Cations	meq/l			15.89167	13.4667	14.225	37.375	27	15	0	11.47	37.38	19.21	8.95
Solids, Total Dissolved Calculated	mg/L			984.3333	868.583	961.583	2347.5	1725	15	0	732.50	2347.50	1225.02	546.33
TDS Balance (0.80 - 1.20)	dec. %			0.995	0.95667	1.00167	1	1.095	15	0	0.96	1.12	1.02	0.05

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Project				Unkpapa Water Quality				Summary Statistics on Hydro ID Means					
Hydro ID				690	693	703	704						
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*	Mean*	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			2112	2083	2500	2100	4	0	2083.00	2500.00	2198.75	201.19
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	9.36	9.2	11.13	9.37	4	0	9.20	11.13	9.77	0.91
Field Temperature	Deg C			14.12	14.5	11.9	20.1	4	0	11.90	20.10	15.16	3.49
Field Turbidity	NTUs			13.2	9.2	NM	NM	2	0	9.20	13.20	11.20	2.83
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Physical Properties													
Conductivity @ 25 C	umhos/cm			2000	1650	2420	1570	4	0	1570.00	2420.00	1910.00	387.90
Non-polar Materials (SGT-HEM)	mg/L			220	210	88	160	4	0	88.00	220.00	169.50	60.34
pH, Laboratory	s.u.		6.5-8.5	9.27	9	11.4	9.46	4	0	9.00	11.40	9.78	1.09
Sodium Adsorption Ratio (SAR)	unitless			10	9.1	12	17	4	0	9.10	17.00	12.03	3.53
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1400	1400	1400	1300	4	0	1300.00	1400.00	1375.00	50.00
Major Ions													
Alkalinity, Total as CaCO3	mg/L			38	68	148	74	4	0	38.00	148.00	82.00	46.73
Bicarbonate as HCO3	mg/L			32	68	180	66	4	0	32.00	180.00	86.50	64.49
Calcium, Dissolved	mg/L			42.1	73.7	72.6	23	4	0	23.00	73.70	52.85	24.71
Carbonate as CO3	mg/L			7	7	<5	12	4	1	<5	12.00	7.13	3.88
Chloride	mg/L		250	30	38	16	70	4	0	16.00	70.00	38.50	22.88
Fluoride	mg/L	4	2	0.5	0.6	0.3	0.8	4	0	0.30	0.80	0.55	0.21
Magnesium, Dissolved	mg/L			25.4	35.2	<0.5	14.8	4	1	<0.5	35.20	18.91	14.97
Nitrogen, Ammonia as N	mg/L			0.3	0.3	1.6	0.5	4	0	0.30	1.60	0.68	0.62
Nitrogen, Nitrate as N	mg/L	10		0.2	<0.1	<0.1	<0.1	4	3	<0.1	0.20	0.09	0.08
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			14	8.6	9.3	6.8	4	0	6.80	14.00	9.68	3.07
Silica	mg/L			<0.5	5	4.2	<0.2	4	2	<0.2	5.00	2.39	2.58
Sodium, Dissolved	mg/L			342	380	370	437	4	0	342.00	437.00	382.25	39.89
Sulfate, Total	mg/L		250	807	886	828	872	4	0	807.00	886.00	848.25	36.97
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.7	1	0.3	0.9	4	0	0.30	1.00	0.73	0.31
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	0.06	0.05	<0.03	4	2	<0.03	0.06	0.04	0.02
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	<0.0003	0.0003	<0.0003	4	3	<0.0003	0.0003	0.0002	0.0001
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	0.03	<0.01	4	3	<0.01	0.03	0.01	0.01
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total													
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	4	4	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			0.7	1.1	0.4	0.9	4	0	0.40	1.10	0.78	0.30
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	1.48	1.4	0.68	0.87	4	0	0.68	1.48	1.11	0.39
Lead, Total	mg/L			0.019	<0.003	0.007	<0.001	4	2	<0.001	0.02	0.0070	0.0085
Manganese, Total	mg/L		0.05	0.02	0.01	<0.01	0.04	4	1	<0.01	0.04	0.02	0.02
Mercury, Total	mg/L	0.002		<0.0002	<0.0002	<0.001	<0.001	4	4	<0.0002	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		<0.0001	<0.0001	NM	NM	2	2	<0.0001	<0.0001	<0.0001	<0.0001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	0.005	<0.001	<0.001	4	3	<0.001	0.0050	0.002	0.002
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			2.6	2.1	2.2	2.5	4	0	2.10	2.60	2.35	0.24
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Zinc, Total	mg/L		5	0.2	<0.01	<0.01	<0.01	4	3	<0.01	0.20	0.05	0.10

POWERTECH (USA) INC.

Dewey-Burdock Project				Unkpapa Water Quality				Summary Statistics on Hydro ID Means					
Hydro ID				690	693	703	704						
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*	Mean*	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		4.8	2.8	42.6	-3	4	0	-3.00	42.60	11.80	20.80
Gross Beta, Dissolved	pCi/L			6.1	2.7	14.2	-5	4	0	-5.00	14.20	4.50	7.96
Gross Gamma, Dissolved	pCi/L			1100	0	1100	830	4	0	0.00	1100.00	757.50	520.79
Lead 210, Dissolved	pCi/L			1.8	1.3	1	1.1	4	0	1.00	1.80	1.30	0.36
Polonium 210, Dissolved	pCi/L			0.7	0.3	-0.015	0.3	4	0	-0.02	0.70	0.32	0.29
Radium 226, Dissolved	pCi/L	5		0.2	0.6	0.4	0.04	4	0	0.04	0.60	0.31	0.24
Thorium 230, Dissolved	pCi/L			0	0	0.1	0	4	0	0.00	0.10	0.03	0.05
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			-5.7	-1.3	1.1	-3	4	0	-5.70	1.10	-2.23	2.86
Polonium 210, Suspended	pCi/L			0.1	0	0.047	-0.015	4	0	-0.02	0.10	0.03	0.05
Radium 226, Suspended	pCi/L	5		-0.3	0.2	-0.4	-0.2	4	0	-0.40	0.20	-0.18	0.26
Thorium 230, Suspended	pCi/L			0	0	-0.2	0.3	4	0	-0.20	0.30	0.03	0.21
Radionuclides, Total													
Radon 222, Total	pCi/L			194	424	153	188	4	0	153.00	424.00	239.75	124.16
Data Quality Parameters													
A/C Balance (± 5)	%			2.66	5.4	-1.35	-0.14	4	0	-1.35	5.40	1.64	3.02
Anions	meq/l			18.4	20.9	20.7	21.6	4	0	18.40	21.60	20.40	1.39
Cations	meq/l			19.4	23.3	20.1	21.6	4	0	19.40	23.30	21.10	1.73
Solids, Total Dissolved Calculated	mg/L			1280	1480	1400	1470	4	0	1280.00	1480.00	1407.50	92.15
TDS Balance (0.80 - 1.20)	dec. %			1.09	0.9	1.01	0.9	4	0	0.90	1.09	0.98	0.09

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				2	2	2	2	Summary Statistics for Hydro ID 2					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/26/2007 12:46:00 PM	11/12/2007 9:25:00 AM	2/12/2008 10:21:00 AM	5/30/2008 3:21:00 PM						
Lab ID				R07090384 -002	R07110146 -003	R08020130 -001	R08050427 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1070	1541	1579	1555	4	0	1070	1579	1436.25	244.67036
Field Dissolved Oxygen	mg/L			NM	1.87	NM	NM	1	0	1.87	1.87	1.87	---
Field pH	s.u.		6.5-8.5	7.86	8.2	7.83	7.95	4	0	7.83	8.2	7.96	0.1679286
Field Temperature	Deg C			NM	12.38	11.92	13.46	3	0	11.92	13.46	12.586667	0.7905273
Field Turbidity	NTUs			NM	1.6	0	0.4	3	0	0	1.6	0.6666667	0.8326664
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Physical Properties													
Conductivity @ 25 C	umhos/cm			1570	1500	1580	1670	4	0	1500	1670	1580	69.761498
Oxidation-Reduction Potential	mV			NM	140	190	190	3	0	140	190	173	28.867513
pH, Laboratory	s.u.		6.5-8.5	7.91	7.85	7.93	7.92	4	0	7.85	7.93	7.9025	0.0359398
Sodium Adsorption Ratio (SAR)	unitless			NM	8.8	8.3	8.7	3	0	8.3	8.8	8.6	0.2645751
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1100 h	1100	1100	1100	4	0	1100	1100	1100	0
Major Ions													
Alkalinity, Total as CaCO3	mg/L			214	208	208	212	4	0	208	214	210.5	3
Bicarbonate as HCO3	mg/L			261	254	254	258	4	0	254	261	256.75	3.4034296
Calcium, Dissolved	mg/L			48.5	51.7	54	57.8	4	0	48.5	57.8	53	3.9149287
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	10	11	11	9	4	0	9	11	10.25	0.9574271
Fluoride	mg/L	4	2	0.2	0.2	0.3	0.3	4	0	0.2	0.3	0.25	0.057735
Magnesium, Dissolved	mg/L			15.8	16.6	17.6	19	4	0	15.8	19	17.25	1.3796135
Nitrogen, Ammonia as N	mg/L			<0.1	0.4	0.4	0.3	4	1	<0.1	0.4	0.2875	0.1652019
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			11.5	11.4	11.5	11	4	0	11	11.5	11.35	0.2380476
Silica	mg/L			8	8.1	8.7	4.3	4	0	4.3	8.7	7.275	2.0072784
Sodium, Dissolved	mg/L			273 d	286 d	276 d	297 d	4	0	273	297	283	10.86278
Sulfate, Total	mg/L		250	583 d	577 d	639	579 d	4	0	577	639	594.5	29.771351
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	<0.001	<0.001	<0.001	4	3	<0.001	0.001	0.000625	0.00025
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	0.1	4	3	<0.1	0.1	0.0625	0.025
Cadmium, Dissolved	mg/L	0.005		<0.01	<0.005	<0.005	<0.005	4	4	<0.005	<0.01	<0.01	<0.01
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	4	4	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.05	<0.001	<0.001	<0.001	4	4	<0.001	<0.05	<0.05	<0.05
Manganese, Dissolved	mg/L		0.05	0.08	0.08	0.09	0.08	4	0	0.08	0.09	0.0825	0.005
Mercury, Dissolved	mg/L	0.002		<0.0002	<0.001	<0.001	<0.001	4	4	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.01	<0.005	<0.005	<0.005	4	4	<0.005	<0.01	<0.01	<0.01
Thorium 232, Dissolved	mg/L			<0.001	<0.005	<0.005	<0.005	4	4	<0.001	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		0.0003	<0.0003	<0.0003	<0.0003	4	3	<0.0003	0.0003	0.0001875	0.000075
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	0.001	0.004 d	2	0	0.001	0.004	0.0025	0.0021213
Barium, Total	mg/L	2		NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	1.48	1.54	2	0	1.48	1.54	1.51	0.0424264
Lead, Total	mg/L			NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	0.09	0.09	2	0	0.09	0.09	0.09	0
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.0001	4	4	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	<0.01	<0.1	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	1.7	1.8	2	0	1.7	1.8	1.75	0.0707107
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.0004	NM	<0.0003	<0.0003	3	2	<0.0003	0.0004	0.0002333	0.0001443

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				2	2	2	2	Summary Statistics for Hydro ID 2					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/26/2007 12:46:00 PM	11/12/2007 9:25:00 AM	2/12/2008 10:21:00 AM	5/30/2008 3:21:00 PM						
Lab ID				R07090384 -002	R07110146 -003	R08020130 -001	R08050427 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		1.4	8.7	6.7	8.2	4	0	1.4	8.7	6.25	3.3431522
Gross Beta, Dissolved	pCi/L			9.3	12.4	22.1	10.3	4	0	9.3	22.1	13.525	5.8608162
Gross Gamma, Dissolved	pCi/L			<20	260	<20	0 j	4	2	<20	260	70	126.75436
Lead 210, Dissolved	pCi/L			<1	<1	<1	3.1 j	4	3	<1	3.1	1.15	1.3
Polonium 210, Dissolved	pCi/L			<1	2	2.1	0.1 j	4	1	<1	2.1	1.175	1.0242884
Radium 226, Dissolved	pCi/L	5		<0.2	1.3	1.1	2.1	4	1	<0.2	2.1	1.15	0.8225975
Thorium 230, Dissolved	pCi/L			<0.2	<0.2	<0.2	0 j	4	3	<0.2	0	0.075	0.05
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			<1	<1	<1	1.4 j	4	3	<1	1.4	0.725	0.45
Polonium 210, Suspended	pCi/L			<1	<1	<1	0 j	4	3	<1	0	0.375	0.25
Radium 226, Suspended	pCi/L	5		2.2	<0.2	<0.2	0.2 j	4	2	<0.2	2.2	0.65	1.034408
Thorium 230, Suspended	pCi/L			<0.2	<0.2	<0.2	0.1 j	4	3	<0.2	0.1	0.1	0
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		2.2	NM	NM	NM	1	0	2.2	2.2	2.2	---
Radon 222, Total	pCi/L			NM	674	792 h	727	3	0	674	792	731	59.101607
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-2.46	0.663	-3.82	3.25	4	0	-3.82	3.25	-0.59175	3.1751849
Anions	meq/l			16.7	16.5	17.8	16.6	4	0	16.5	17.8	16.9	0.6055301
Cations	meq/l			15.9	16.7	16.5	17.7	4	0	15.9	17.7	16.7	0.7483315
Solids, Total Dissolved Calculated	mg/L			1070	1090	1160	1110	4	0	1070	1160	1107.5	38.622101
TDS Balance (0.80 - 1.20)	dec. %			1	0.97	0.94	0.96	4	0	0.94	1	0.9675	0.025

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				4	Summary Statistics for Hydro ID 4					
Month Sampled				Feb-08						
Date and Time Collected				2/12/2008 9:52:00 AM						
Lab ID				R08020130 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			4413	1	0	4413	4413	4413	---
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	7.9	1	0	7.9	7.9	7.9	---
Field Temperature	Deg C			13.66	1	0	13.66	13.66	13.66	---
Field Turbidity	NTUs			0.8	1	0	0.8	0.8	0.8	---
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			4400	1	0	4400	4400	4400	---
Oxidation-Reduction Potential	mV			120	1	0	120	120	120	---
pH, Laboratory	s.u.		6.5-8.5	7.94	1	0	7.94	7.94	7.94	---
Sodium Adsorption Ratio (SAR)	unitless			10	1	0	10	10	10	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	3700	1	0	3700	3700	3700	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			88	1	0	88	88	88	---
Bicarbonate as HCO3	mg/L			107	1	0	107	107	107	---
Calcium, Dissolved	mg/L			241	1	0	241	241	241	---
Carbonate as CO3	mg/L			<5	1	1	<5	<5	<5	---
Chloride	mg/L		250	26	1	0	26	26	26	---
Fluoride	mg/L	4	2	0.4	1	0	0.4	0.4	0.4	---
Magnesium, Dissolved	mg/L			87	1	0	87	87	87	---
Nitrogen, Ammonia as N	mg/L			0.8	1	0	0.8	0.8	0.8	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			7.8	1	0	7.8	7.8	7.8	---
Silica	mg/L			10.2	1	0	10.2	10.2	10.2	---
Sodium, Dissolved	mg/L			716 d	1	0	716	716	716	---
Sulfate, Total	mg/L		250	2440 d	1	0	2440	2440	2440	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			0.7	1	0	0.7	0.7	0.7	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	0.07	1	0	0.07	0.07	0.07	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		0.0004	1	0	0.0004	0.0004	0.0004	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			0.001	1	0	0.001	0.001	0.001	---
Selenium-VI, Dissolved	mg/L			0.001	1	0	0.001	0.001	0.001	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			0.6	1	0	0.6	0.6	0.6	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Total	mg/L		0.3	1.32	1	0	1.32	1.32	1.32	---
Lead, Total	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Total	mg/L		0.05	0.06	1	0	0.06	0.06	0.06	---
Mercury, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Total	mg/L			0.02	1	0	0.02	0.02	0.02	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		0.002	1	0	0.002	0.002	0.002	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			5.7	1	0	5.7	5.7	5.7	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Uranium, Total	mg/L	0.03		<0.0005	1	1	<0.0005	<0.0005	<0.0005	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				4	Summary Statistics for Hydro ID 4					
Month Sampled				Feb-08						
Date and Time Collected				2/12/2008 9:52:00 AM						
Lab ID				R08020130 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		3.5	1	0	3.5	3.5	3.5	---
Gross Beta, Dissolved	pCi/L			14.4	1	0	14.4	14.4	14.4	---
Gross Gamma, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Lead 210, Dissolved	pCi/L			<1	1	1	<1	<1	<1	---
Polonium 210, Dissolved	pCi/L			2.7	1	0	2.7	2.7	2.7	---
Radium 226, Dissolved	pCi/L	5		1.1	1	0	1.1	1.1	1.1	---
Thorium 230, Dissolved	pCi/L			<0.2	1	1	<0.2	<0.2	<0.2	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			<1	1	1	<1	<1	<1	---
Polonium 210, Suspended	pCi/L			<1	1	1	<1	<1	<1	---
Radium 226, Suspended	pCi/L	5		0.7	1	0	0.7	0.7	0.7	---
Thorium 230, Suspended	pCi/L			<0.2	1	1	<0.2	<0.2	<0.2	---
Radionuclides, Total										
Radon 222, Total	pCi/L			908 h	1	0	908	908	908	---
Data Quality Parameters										
A/C Balance (± 5)	%			-2.6	1	0	-2.6	-2.6	-2.6	---
Anions	meq/l			53.3	1	0	53.3	53.3	53.3	---
Cations	meq/l			50.6	1	0	50.6	50.6	50.6	---
Solids, Total Dissolved Calculated	mg/L			3600	1	0	3600	3600	3600	---
TDS Balance (0.80 - 1.20)	dec. %			1.02	1	0	1.02	1.02	1.02	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				5	5	5	5	Summary Statistics for Hydro ID 5					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/26/2007 6:08:00 PM	11/27/2007 8:25:00 AM	2/10/2008 2:55:00 PM	4/29/2008 7:00:00 PM						
Lab ID				R07090384-005	R07110303-001	R08020082-001	R08040364-007						
Analyte	Units	Federal MCL	Secondary Standard	Results	Results	Results	Results	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1904	2687	2928	2971	4	0	1904	2971	2622.5	495.03704
Field Dissolved Oxygen	mg/L			0.32	0.76	4.59	2.31	4	0	0.32	4.59	1.995	1.9290844
Field pH	s.u.		6.5-8.5	7.63	7.92	7.95	7.83	4	0	7.63	7.95	7.8325	0.1443087
Field Temperature	Deg C			NM	10.37	9.41	13.94	3	0	9.41	13.94	11.24	2.3870274
Field Turbidity	NTUs			NM	1.7	0.3	1	3	0	0.3	1.7	1	0.7
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Physical Properties													
Conductivity @ 25 C	umhos/cm			2890	2830	2950	2810	4	0	2810	2950	2870	63.245553
Oxidation-Reduction Potential	mV			NM	270	129.4	180	3	0	129.4	270	193.13333	71.214137
pH, Laboratory	s.u.		6.5-8.5	7.72	7.64	7.91	8.2	4	0	7.64	8.2	7.8675	0.2489143
Sodium Adsorption Ratio (SAR)	unitless			NM	9.3	9.6	10	3	0	9.3	10	9.6333333	0.3511885
Solids, Total Dissolved TDS @ 180 C	mg/L		500	2200	2300	2300	2200	4	0	2200	2300	2250	57.735027
Major Ions													
Alkalinity, Total as CaCO3	mg/L			124	118	120	118	4	0	118	124	120	2.8284271
Bicarbonate as HCO3	mg/L			151	144	146	144	4	0	144	151	146.25	3.3040379
Calcium, Dissolved	mg/L			110	120	132	136	4	0	110	136	124.5	11.818065
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	24	23	26	20	4	0	20	26	23.25	2.5
Fluoride	mg/L	4	2	0.3	0.3	0.4	0.4	4	0	0.3	0.4	0.35	0.057735
Magnesium, Dissolved	mg/L			44.3	49	52.3	54.1	4	0	44.3	54.1	49.925	4.3037774
Nitrogen, Ammonia as N	mg/L			0.1	0.4	0.5	0.5	4	0	0.1	0.5	0.375	0.1892969
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.05	4	4	<0.05	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.05	4	4	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			7.8	8.3	8.2	7.3	4	0	7.3	8.3	7.9	0.4546061
Silica	mg/L			8.6	9	10	4.9	4	0	4.9	10	8.125	2.2291628
Sodium, Dissolved	mg/L			470 d	480 d	515 d	545 d	4	0	470	545	502.5	34.278273
Sulfate, Total	mg/L		250	1500 d	1370 d	1470 d	1430	4	0	1370	1500	1442.5	56.199051
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.4	0.4	0.5	0.4	4	0	0.4	0.5	0.425	0.05
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	4	4	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	0.003	<0.001	<0.001	4	3	<0.001	0.003	0.001125	0.00125
Manganese, Dissolved	mg/L		0.05	0.06	0.07	0.06	0.06	4	0	0.06	0.07	0.0625	0.005
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.001	<0.001	<0.001	<0.001	4	3	<0.001	0.001	0.000625	0.00025
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.002	0.002	0.0021	0.0017	4	0	0.0017	0.0021	0.00195	0.0001732
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	0.02	<0.01	<0.01	4	3	<0.01	0.02	0.00875	0.0075
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	0.001	<0.001	<0.001	3	2	<0.001	0.001	0.0006667	0.0002887
Selenium-VI, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	<0.001	0.001	2	1	<0.001	0.001	0.00075	0.0003536
Barium, Total	mg/L	2		NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	0.5	0.4	2	0	0.4	0.5	0.45	0.0707107
Cadmium, Total	mg/L	0.005		NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	1.11	1.08	2	0	1.08	1.11	1.095	0.0212132
Lead, Total	mg/L			NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	0.06	0.05	2	0	0.05	0.06	0.055	0.0070711
Mercury, Total	mg/L	0.002		<0.0002	<0.001	<0.001	<0.001	4	4	<0.0002	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			NM	NM	0.01	<0.1	2	1	<0.1	0.01	0.03	0.0282843
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	<0.001	0.001	2	1	<0.001	0.001	0.00075	0.0003536
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	4.2	4.6	2	0	4.2	4.6	4.4	0.2828427
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				5	5	5	5	Summary Statistics for Hydro ID 5					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/26/2007 6:08:00 PM	11/27/2007 8:25:00 AM	2/10/2008 2:55:00 PM	4/29/2008 7:00:00 PM						
Lab ID				R07090384 -005	R07110303 -001	R08020082 -001	R08040364 -007						
Analyte	Units	Federal MCL	Secondary Standard	Results	Results	Results	Results	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		0.002	NM	0.0021	0.0017	3	0	0.0017	0.0021	0.0019333	0.0002082
Zinc, Total	mg/L		5	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		2.5	4.4	14.8	13.2	4	0	2.5	14.8	8.725	6.1748819
Gross Beta, Dissolved	pCi/L			4.3	6.3	10	-8 j	4	0	-8	10	3.15	7.7993589
Gross Gamma, Dissolved	pCi/L			960	1000	91	0 j	4	0	0	1000	512.75	541.05784
Lead 210, Dissolved	pCi/L			<1	1.7	<1	0 j	4	2	<1	1.7	0.675	0.7228416
Polonium 210, Dissolved	pCi/L			<1	1.9	<1	1.1	4	2	<1	1.9	1	0.663325
Radium 226, Dissolved	pCi/L	5		1.6	0.8	1.3	1.3	4	0	0.8	1.6	1.25	0.3316625
Thorium 230, Dissolved	pCi/L			<0.2	<0.2	<0.2	0.2	4	3	<0.2	0.2	0.125	0.05
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			<1	5.1	<1	-9.6 j	4	2	<1	5.1	-0.875	6.2077237
Polonium 210, Suspended	pCi/L			<1	<1	<1	0 j	4	3	<1	0	0.375	0.25
Radium 226, Suspended	pCi/L	5		0.8	<0.2	0.6	0.3	4	1	<0.2	0.8	0.45	0.3109126
Thorium 230, Suspended	pCi/L			<0.2	<0.2	<0.2	0.1 j	4	3	<0.2	0.1	0.1	0
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		2.4	NM	NM	NM	1	0	2.4	2.4	2.4	---
Radon 222, Total	pCi/L			NM	902	806	1070	3	0	806	1070	926	133.62634
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-1.14	-0.831	-0.25	3.52	4	0	-1.14	3.52	0.32475	2.1618827
Anions	meq/l			30.4	31.6	33.7	32.8	4	0	30.4	33.7	32.125	1.4361407
Cations	meq/l			29.8	31.1	33.5	35.2	4	0	29.8	35.2	32.4	2.4152295
Solids, Total Dissolved Calculated	mg/L			2040	2120	2270	2280	4	0	2040	2280	2177.5	117.29592
TDS Balance (0.80 - 1.20)	dec. %			1.09	1.08	1.03	0.98	4	0	0.98	1.09	1.045	0.0506623

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

Dewey-Burdock Hydro ID				7	7	7	7	7	Summary Statistics for Hydro ID 7					
Quarter Sampled				Initial	3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				10/3/2006 11:12:00 AM	9/28/2007 5:28:00 PM	11/12/2007 8:20:00 AM	2/20/2008 8:45:00 AM	5/29/2008 11:10:00 AM						
Lab ID				R06100076 -004	R07100002 -009	R07110146 -002	R08020220 -002	R08050419 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters														
Field Conductivity	umhos/cm			NM	1185	1490	1451	1496	4	0	1185	1496	1405.5	148.3476
Field Dissolved Oxygen	mg/L			NM	NM	3.41	5.02	NM	2	0	3.41	5.02	4.215	1.138442
Field pH	s.u.		6.5-8.5	NM	7.39	8.32	8.05	8.07	4	0	7.39	8.32	7.9575	0.397775
Field Temperature	Deg C			9	13.11	13.31	6.78	13.3	5	0	6.78	13.31	11.1	3.034658
Field Turbidity	NTUs			NM	NM	0.7	0.5	0.1	3	0	0.1	0.7	0.43	0.305505
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Physical Properties														
Conductivity @ 25 C	umhos/cm			1530	1490	1440	1600	1650	5	0	1440	1650	1542	84.08329
Non-polar Materials (SGT-HEM)	mg/L			<5	NM	NM	NM	NM	1	1	<5	<5	<5	---
Oxidation-Reduction Potential	mV			NM	NM	210	180	210	3	0	180	210	200	17.32051
pH, Laboratory	s.u.		6.5-8.5	8.08	8.13	8.05	8.14	8.17	5	0	8.05	8.17	8.114	0.04827
Sodium Adsorption Ratio (SAR)	unitless			NM	NM	10	10	9.7	3	0	9.7	10	9.9	0.173205
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1000	1000	1000	990	960	5	0	960	1000	990	17.32051
Major Ions														
Alkalinity, Total as CaCO3	mg/L			170	176	170	170	170	5	0	170	176	171.2	2.683282
Bicarbonate as HCO3	mg/L			210	215	207	207	207	5	0	207	215	209.2	3.49285
Calcium, Dissolved	mg/L			37	30 d	36	32.9	42.1	5	0	30	42.1	35.6	4.555766
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	5	5	<5	<5	<5	<5
Chloride	mg/L		250	13	12	12	11	11	5	0	11	13	11.8	0.83666
Fluoride	mg/L	4	2	0.37	0.3	0.4	0.3	0.4	5	0	0.3	0.4	0.354	0.050794
Magnesium, Dissolved	mg/L			16	11.5	15.3	14	18.2	5	0	11.5	18.2	15	2.478911
Nitrogen, Ammonia as N	mg/L			0.4	0.3	0.4	0.3	0.3	5	0	0.3	0.4	0.34	0.054772
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	0.1	<0.1	<0.1	5	4	<0.1	0.1	0.06	0.022361
Nitrogen, Nitrite as N	mg/L	1		NM	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			10	11	11.1	10.8	11	5	0	10	11.1	10.78	0.449444
Silica	mg/L			NM	7.5	7.8	7.5	4.1	4	0	4.1	7.8	6.725	1.755705
Silicon as SiO2	mg/L			7	NM	NM	NM	NM	1	0	7	7	7	---
Sodium, Dissolved	mg/L			270	237 d	289 d	276 d	300 d	5	0	237	300	274.4	23.92279
Sulfate, Total	mg/L		250	546 d	586 d	567 d	583 d	514 d	5	0	514	586	559.2	29.8446
Metals, Dissolved														
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.01	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.01	<0.01	<0.01
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.001	<0.005	<0.005	<0.005	<0.005	5	5	<0.001	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.01	<0.05	<0.05	<0.05	<0.05	5	5	<0.01	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	5	5	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	<0.03	5	5	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.01	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.01	<0.01	<0.01
Manganese, Dissolved	mg/L		0.05	0.03	0.03	0.03	0.03	0.03	5	0	0.03	0.03	0.03	0
Mercury, Dissolved	mg/L	0.002		NM	<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.005	<0.1	<0.1	<0.1	<0.1	5	5	<0.005	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.01	<0.05	<0.05	<0.05	<0.05	5	5	<0.01	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.005	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.005	<0.005	<0.005
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	5	5	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			NM	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.001	<0.0003	<0.0003	<0.0003	<0.0003	5	5	<0.0003	<0.001	<0.001	<0.001
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	5	5	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated														
Selenium-IV, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended														
Uranium, Suspended	mg/L	0.03		NM	<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total														
Antimony, Total	mg/L	0.006		NM	NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	NM	<0.001	0.003 d	2	1	<0.001	0.003	0.00175	0.001768
Barium, Total	mg/L	2		NM	NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	NM	0.41	0.41	2	0	0.41	0.41	0.41	0
Lead, Total	mg/L			NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	NM	0.03	0.03	2	0	0.03	0.03	0.03	0
Mercury, Total	mg/L	0.002		<0.001	<0.0002	<0.001	<0.001	<0.0001	5	5	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	NM	<0.01	<0.1	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	NM	1	1.1	2	0	1	1.1	1.05	0.070711
Thallium, Total	mg/L	0.002		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	NM	NM	<0.0003	<0.0003	2	2	<0.0003	<0.0003	<0.0003	<0.0003
Zinc, Total	mg/L		5	NM	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved														
Actinium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Americium 241, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Barium 133, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Bismuth 212, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Bismuth 214, Dissolved	pCi/L			300	NM	NM	NM	NM	1	0	300	300	300	---
Cesium 134, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Cesium 137, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Cobalt 60, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Gross Alpha, Dissolved	pCi/L	15		17	4.4	7.2	15.5	3.3 j	5	0	3.3	17	9.48	6.363725
Gross Beta, Dissolved	pCi/L			16	5	14.9	10.1	9.6	5	0	5	16	11.12	4.441509
Gross Gamma, Dissolved	pCi/L			<20	1200	130	77	0 j	5	1	<20	1200	283.4	515.1095
Iodine 125, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Iodine 131, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Lead 210, Dissolved	pCi/L			NM	<1	<1	24	0.5 j	4	2	<1	24	6.375	11.75
Lead 212, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Lead 214, Dissolved	pCi/L			350	NM	NM	NM	NM	1	0	350	350	350	---
Manganese 54, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Polonium 210, Dissolved	pCi/L			NM	<1	2.1	<1	0 j	4	2	<1	2.1	0.775	0.914239
Potassium 40, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radium 223, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radium 224, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				7	7	7	7	7	Summary Statistics for Hydro ID 7					
Quarter Sampled				Initial	3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				10/3/2006 11:12:00 AM	9/28/2007 5:28:00 PM	11/12/2007 8:20:00 AM	2/20/2008 8:45:00 AM	5/29/2008 11:10:00 AM						
Lab ID				R06100076 -004	R07100002 -009	R07110146 -002	R08020220 -002	R08050419 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Radium 226, Dissolved	pCi/L	5		2.6	0.6	1.1	0.7	0.9	5	0	0.6	2.6	1.18	0.816701
Radium 226, Dissolved E901.1	pCi/L	5		300	NM	NM	NM	NM	1	0	300	300	300	---
Radium 228, Dissolved	pCi/L			<1	NM	NM	NM	NM	1	1	<1	<1	<1	---
Radium 228, Dissolved E901.1	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thallium 208, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thorium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thorium 230, Dissolved	pCi/L			NM	<0.2	<0.2	<0.2	0 j	4	3	<0.2	0	0.075	0.05
Thorium 234, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Uranium 238, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Zinc 65, Dissolved	pCi/L			<20	NN	NN	NN	NN	1	1	<20	<20	<20	---
Radionuclides, Suspended														
Lead 210, Suspended	pCi/L			NM	<1	<1	<1	-7.4 j	4	3	<1	-7.4 j	-1.475	3.95
Polonium 210, Suspended	pCi/L			NM	<1	<1	<1	-0.1 j	4	3	<1	-0.1 j	0.35	0.3
Radium 226, Suspended	pCi/L	5		NM	<0.2	<0.2	<0.9	-0.3 j	4	3	<0.2	-0.3 j	0.0875	0.306526
Thorium 230, Suspended	pCi/L			NM	<0.2	<0.2	0.2	0.2 j	4	2	<0.2	0.2	0.15	0.057735
Radionuclides, Total														
Lead 210, Total	pCi/L			NM	<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			NM	<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		NM	<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Radon 222, Total	pCi/L			NM	NM	206	242	451	3	0	206	451	300	132.2888
Thorium 230, Total	pCi/L			NM	<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters														
A/C Balance (± 5)	%			NM	-3.73	1.13	-2.5	8.11	4	0	-3.73	8.11	0.7525	5.321243
Anions	meq/l			NM	14.1	15.6	15.9	14.4	4	0	14.1	15.9	15	0.883176
Cations	meq/l			NM	13	15.9	15.1	17	4	0	13	17	15.25	1.690168
Solids, Total Dissolved Calculated	mg/L			NM	896	1040	1050	1010	4	0	896	1050	999	70.73896
TDS Balance (0.80 - 1.20)	dec. %			NM	1.16	0.98	0.94	0.95	4	0	0.94	1.16	1.0075	0.103078

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				8	8	8	8	Summary Statistics for Hydro ID 8					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/26/2007 2:33:00 PM	11/27/2007 4:30:00 PM	2/5/2008 10:20:00 AM	5/29/2008 11:41:00 AM						
Lab ID				R07090384 -003	R07110303 -005	R08020052 -001	R08050419 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detects)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			908	1402	1367	1389	4	0	908	1402	1266.5	239.43614
Field Dissolved Oxygen	mg/L			NM	NM	5.42	NM	1	0	5.42	5.42	5.42	---
Field pH	s.u.		6.5-8.5	7.8	7.88	7.89	7.98	4	0	7.8	7.98	7.8875	0.0736546
Field Temperature	Deg C			NM	9.99	10.87	14.98	3	0	9.99	14.98	11.946667	2.6635377
Field Turbidity	NTUs			NM	NM	0.6	-0.4	2	0	-0.4	0.6	0.1	0.7071068
Water Level Elevation	ft AMSL			3574.61	NM	NM	NM	1	0	3574.61	3574.61	3574.61	---
Physical Properties													
Conductivity @ 25 C	umhos/cm			1420	1420	1430	1560	4	0	1420	1560	1457.5	68.495742
Oxidation-Reduction Potential	mV			NM	150	220	210	3	0	150	220	193.33333	37.859389
pH, Laboratory	s.u.		6.5-8.5	7.93	7.95	7.94	7.97	4	0	7.93	7.97	7.9475	0.0170783
Sodium Adsorption Ratio (SAR)	unitless			NM	5.6	6.4	6.5	3	0	5.6	6.5	6.1666667	0.4932883
Solids, Total Dissolved TDS @ 180 C	mg/L		500	960	1000	1000	940	4	0	940	1000	975	30
Major Ions													
Alkalinity, Total as CaCO3	mg/L			168	178	166	164	4	0	164	178	169	6.2182527
Bicarbonate as HCO3	mg/L			205	217	202	200	4	0	200	217	206	7.6157731
Calcium, Dissolved	mg/L			48.5	56.4	52.6	58.9	4	0	48.5	58.9	54.1	4.5438603
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	13	12	12	11	4	0	11	13	12	0.8164966
Fluoride	mg/L	4	2	0.4	0.4	0.5	0.4	4	0	0.4	0.5	0.425	0.05
Magnesium, Dissolved	mg/L			21.2	24.6	22.6	26.3	4	0	21.2	26.3	23.675	2.2381168
Nitrogen, Ammonia as N	mg/L			<0.1	0.2	0.3	0.2	4	1	<0.1	0.3	0.1875	0.1030776
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			14.2	15.7	14.7	13.7	4	0	13.7	15.7	14.575	0.8539126
Silica	mg/L			6.9	6.7	7.3	3.5	4	0	3.5	7.3	6.1	1.7511901
Sodium, Dissolved	mg/L			224 d	199 d	222 d	240 d	4	0	199	240	221.25	16.879475
Sulfate, Total	mg/L		250	540 d	594 d	455 d	514 d	4	0	455	594	525.75	57.748737
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	<0.001	<0.001	0.001	4	2	<0.001	0.001	0.00075	0.0002887
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	0.1	<0.1	4	3	<0.1	0.1	0.0625	0.025
Cadmium, Dissolved	mg/L	0.005		<0.01	<0.005	<0.005	<0.005	4	4	<0.005	<0.01	<0.01	<0.01
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	4	4	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.05	<0.001	<0.001	<0.001	4	4	<0.001	<0.05	<0.05	<0.05
Manganese, Dissolved	mg/L		0.05	0.08	0.11	0.08	0.09	4	0	0.08	0.11	0.09	0.0141421
Mercury, Dissolved	mg/L	0.002		<0.0002	<0.001	<0.001	<0.001	4	4	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	0.002	<0.001	4	3	<0.001	0.002	0.000875	0.00075
Silver, Dissolved	mg/L		0.1	<0.01	<0.005	<0.005	<0.005	4	4	<0.005	<0.01	<0.01	<0.01
Thorium 232, Dissolved	mg/L			<0.001	<0.005	<0.005	<0.005	4	4	<0.001	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	0.0003	<0.0003	<0.0003	4	3	<0.0003	0.0003	0.0001875	0.000075
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	0.1	4	3	<0.1	0.1	0.0625	0.025
Zinc, Dissolved	mg/L		5	<0.01	0.02	0.02	<0.01	4	2	<0.01	0.02	0.0125	0.0086603
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	<0.001	0.001	<0.001	3	2	<0.001	0.001	0.0006667	0.0002887
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	<0.001	0.003 d	2	1	<0.001	0.003	0.00175	0.0017678
Barium, Total	mg/L	2		NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	0.21	0.23	2	0	0.21	0.23	0.22	0.0141421
Lead, Total	mg/L			NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	0.08	0.09	2	0	0.08	0.09	0.085	0.0070711
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.0001	4	4	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	<0.01	<0.1	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	1.6	1.6	2	0	1.6	1.6	1.6	0
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		<0.0003	NM	<0.0003	<0.0003	3	3	<0.0003	<0.0003	<0.0003	<0.0003

Dewey-Burdock Hydro ID				8	8	8	8	Summary Statistics for Hydro ID 8					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/26/2007 2:33:00 PM	11/27/2007 4:30:00 PM	2/5/2008 10:20:00 AM	5/29/2008 11:41:00 AM						
Lab ID				R07090384 -003	R07110303 -005	R08020052 -001	R08050419 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detects)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		5	8.7	5.4	3.2 j	4	0	3.2	8.7	5.575	2.2925604
Gross Beta, Dissolved	pCi/L			15.9	25	21	16.2	4	0	15.9	25	19.525	4.3338782
Gross Gamma, Dissolved	pCi/L			650	970	<20	0 j	4	1	<20	970	407.5	482.79568
Lead 210, Dissolved	pCi/L			<1	4	3	0.8 j	4	1	<1	4	2.075	1.6997549
Polonium 210, Dissolved	pCi/L			<1	<1	1.6	-0.2 j	4	2	<1	1.6	0.6	0.7438638
Radium 226, Dissolved	pCi/L	5		<0.2	2.7	1.5	1.2	4	1	<0.2	2.7	1.375	1.0688779
Thorium 230, Dissolved	pCi/L			<0.2	<0.2	<0.2	0.1 j	4	3	<0.2	0.1	0.1	0
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			<1	<1	1.9	4.9 j	4	2	<1	4.9	1.95	2.0744477
Polonium 210, Suspended	pCi/L			<1	<1	<1	-0.1 j	4	3	<1	-0.1	0.35	0.3
Radium 226, Suspended	pCi/L	5		3.5	<0.2	2.8	-0.4 j	4	1	<0.2	3.5	1.5	1.9373521
Thorium 230, Suspended	pCi/L			<0.2	<0.2	<0.2	0 j	4	3	<0.2	0	0.075	0.05
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		3.5	NM	NM	NM	1	0	3.5	3.5	3.5	---
Radon 222, Total	pCi/L			NM	123	329 h	514	3	0	123	514	322	195.59397
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-2.44	-3.23	5.03	5.33	4	0	-3.23	5.33	1.1725	4.6403044
Anions	meq/l			15	14.8	13.1	14.3	4	0	13.1	15	14.3	0.8524475
Cations	meq/l			14.3	13.9	14.5	15.9	4	0	13.9	15.9	14.65	0.8698659
Solids, Total Dissolved Calculated	mg/L			962	939	879	973	4	0	879	973	938.25	41.963278
TDS Balance (0.80 - 1.20)	dec. %			1	1.12	1.15	0.97	4	0	0.97	1.15	1.06	0.0883176

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard

Dewey-Burdock Hydro ID				13	13	13	13	13	Summary Statistics for Hydro ID 13					
Quarter Sampled				Initial	3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				10/3/2006 11:36:00 AM	9/27/2007 3:45:00 PM	11/12/2007 12:15:00 PM	2/20/2008 2:41:00 PM	5/19/2008 12:20:00 PM						
Lab ID				R06100076 -005	R07090385 -005	R07110146 -007	R08020220 -004	R08050251 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters														
Field Conductivity	umhos/cm			NM	740	1257	1233	1282	4	0	740	1282	1128	259.4391
Field Dissolved Oxygen	mg/L			NM	0.35	1.42	3.01	1.28	4	0	0.35	3.01	1.515	1.104008
Field pH	s.u.		6.5-8.5	NM	7.86	7.96	8.14	7.85	4	0	7.85	8.14	7.9525	0.134505
Field Temperature	Deg C			10	NM	12.74	6.1	10.56	4	0	6.1	12.74	9.85	2.765333
Field Turbidity	NTUs			NM	NM	2.9	1.9	3	3	0	1.9	3	2.6	0.608276
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Physical Properties														
Conductivity @ 25 C	umhos/cm			1290	1280	1140	1330	1420	5	0	1140	1420	1292	101.341
Non-polar Materials (SGT-HEM)	mg/L			<5	NM	NM	NM	NM	1	1	<5	<5	<5	---
Oxidation-Reduction Potential	mV			NM	NM	230	200	260	3	0	200	260	230	30
pH, Laboratory	s.u.		6.5-8.5	7.93	7.83	7.75	8.05	7.96	5	0	7.75	8.05	7.904	0.116533
Sodium Adsorption Ratio (SAR)	unitless			NM	NM	4.7	4.9	4.7	3	0	4.7	4.9	4.8	0.11547
Solids, Total Dissolved TDS @ 180 C	mg/L		500	880	890	890	850	880	5	0	850	890	878	16.43168
Major Ions														
Alkalinity, Total as CaCO3	mg/L			170	168	142	160	156	5	0	142	170	159.2	11.18928
Bicarbonate as HCO3	mg/L			200	205	173	195	190	5	0	173	205	192.6	12.30041
Calcium, Dissolved	mg/L			61	57.4	61.3	58 d	72.4	5	0	57.4	72.4	62.02	6.058218
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	5	5	<5	<5	<5	<5
Chloride	mg/L		250	11	11	11	10	10	5	0	10	11	10.6	0.547723
Fluoride	mg/L	4	2	0.43	0.4	0.4	0.5	0.5	5	0	0.4	0.5	0.446	0.050794
Magnesium, Dissolved	mg/L			22	21	25.1	22.4	29.5	5	0	21	29.5	24	3.428557
Nitrogen, Ammonia as N	mg/L			0.2	0.6	0.1	<0.1	<0.1	5	2	<0.1	0.6	0.2	0.23184
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		NM	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			9	11.3	11.7	11.8	11.5	5	0	9	11.8	11.06	1.167476
Silica	mg/L			NM	7.7	6.2	6.5	3.6	4	0	3.6	7.7	6	1.726268
Silicon as SiO2	mg/L			7	NM	NM	NM	NM	1	0	7	7	7	---
Sodium, Dissolved	mg/L			180	163 d	175 d	173 d	188 d	5	0	163	188	175.8	9.20326
Sulfate, Total	mg/L		250	460 d	488 d	520 d	499 d	442 d	5	0	442	520	481.8	31.03546
Metals, Dissolved														
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.01	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.01	<0.01	<0.01
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.001	<0.005	<0.005	<0.005	<0.005	5	5	<0.001	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.01	<0.05	<0.05	<0.05	<0.05	5	5	<0.01	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	5	5	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	<0.03	5	5	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.01	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.01	<0.01	<0.01
Manganese, Dissolved	mg/L		0.05	0.11	0.1	0.2	0.16	0.2	5	0	0.1	0.2	0.154	0.047749
Mercury, Dissolved	mg/L	0.002		NM	<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.005	<0.1	<0.1	<0.1	<0.1	5	5	<0.005	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.01	<0.05	<0.05	<0.05	<0.05	5	5	<0.01	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.005	<0.001	<0.001	<0.001	<0.005	5	5	<0.001	<0.005	<0.005	<0.005
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	5	5	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			NM	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.001	<0.0003	<0.0003	<0.0003	<0.0003	5	5	<0.0003	<0.001	<0.001	<0.001
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	0.04	<0.01	0.01	5	3	<0.01	0.04	0.013	0.015248
Metals, Dissolved, Speciated														
Selenium-IV, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended														
Uranium, Suspended	mg/L	0.03		NM	<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total														
Antimony, Total	mg/L	0.006		NM	NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	NM	<0.001	0.001	2	1	<0.001	0.001	0.00075	0.000354
Barium, Total	mg/L	2		NM	NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	NM	NM	<0.005	<0.001	2	2	<0.001	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	NM	3.11	4.56	2	0	3.11	4.56	3.835	1.025305
Lead, Total	mg/L			NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	NM	0.16	0.2	2	0	0.16	0.2	0.18	0.028284
Mercury, Total	mg/L	0.002		<0.001	<0.0002	<0.001	<0.001	<0.0001	5	5	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Nickel, Total	mg/L			NM	NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	NM	1.5	1.7	2	0	1.5	1.7	1.6	0.141421
Thallium, Total	mg/L	0.002		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	NM	NM	<0.0003	<0.0003	2	2	<0.0003	<0.0003	<0.0003	<0.0003
Zinc, Total	mg/L		5	NM	NM	NM	0.07	0.04	2	0	0.04	0.07	0.055	0.021213
Radionuclides, Dissolved														
Actinium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Americium 241, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Barium 133, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Bismuth 212, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Bismuth 214, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Cesium 134, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Cesium 137, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Cobalt 60, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Gross Alpha, Dissolved	pCi/L	15		12	8.9	7.5	19.5	4.2	5	0	4.2	19.5	10.42	5.798017
Gross Beta, Dissolved	pCi/L			17	9.6	11.7	11.4	10.3	5	0	9.6	17	12	2.91976
Gross Gamma, Dissolved	pCi/L			<20	<20	4300	<20	0 j	5	3	<20	4300	866	1919.669
Iodine 125, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Iodine 131, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Lead 210, Dissolved	pCi/L			NM	<1	<1	4.7	4.1 j	4	2	<1	4.7	2.45	2.26495
Lead 212, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Lead 214, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Manganese 54, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Polonium 210, Dissolved	pCi/L			NM	<1	2.6	1.1	-0.6 j	4	1	<1	2.6	0.9	1.334166
Potassium 40, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radium 223, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radium 224, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				13	13	13	13	13	Summary Statistics for Hydro ID 13					
Quarter Sampled				Initial	3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				10/3/2006 11:36:00 AM	9/27/2007 3:45:00 PM	11/12/2007 12:15:00 PM	2/20/2008 2:41:00 PM	5/19/2008 12:20:00 PM						
Lab ID				R06100076 -005	R07090385 -005	R07110146 -007	R08020220 -004	R08050251 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Radium 226, Dissolved	pCi/L	5		2.1	1.8	1.6	1.1	1.6	5	0	1.1	2.1	1.64	0.364692
Radium 226, Dissolved E901.1	pCi/L	5		<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radium 228, Dissolved	pCi/L			<1	NM	NM	NM	NM	1	1	<1	<1	<1	---
Radium 228, Dissolved E901.1	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thallium 208, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thorium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thorium 230, Dissolved	pCi/L			NM	0.4	<0.2	<0.2	0 j	4	2	<0.2	0.4	0.15	0.173205
Thorium 234, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Uranium 238, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Zinc 65, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radionuclides, Suspended														
Lead 210, Suspended	pCi/L			NM	<1	<1	<1	-0.2 j	4	3	<1	-0.2 j	0.325	0.35
Polonium 210, Suspended	pCi/L			NM	5.2	<1	<1	0 j	4	2	<1	5.2	1.55	2.444722
Radium 226, Suspended	pCi/L	5		NM	<0.2	<0.2	1.6	0.01 j	4	2	<0.2	1.6	0.4525	0.766176
Thorium 230, Suspended	pCi/L			NM	<0.2	<0.2	0.4	0.2 j	4	2	<0.2	0.4	0.2	0.141421
Radionuclides, Total														
Lead 210, Total	pCi/L			NM	<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			NM	5.2	NM	NM	NM	1	0	5.2	5.2	5.2	---
Radium 226, Total	pCi/L	5		NM	1.1	NM	NM	NM	1	0	1.1	1.1	1.1	---
Radon 222, Total	pCi/L			335	NM	305	258	412	4	0	258	412	327.5	64.63487
Thorium 230, Total	pCi/L			NM	<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters														
A/C Balance (± 5)	%			NM	-1.26	-3.53	-4.96	6.97	4	0	-4.96	6.97	-0.695	5.332257
Anions	meq/l			NM	12.3	14	13.9	12.6	4	0	12.3	14	13.2	0.875595
Cations	meq/l			NM	12	13.1	12.6	14.5	4	0	12	14.5	13.05	1.066146
Solids, Total Dissolved Calculated	mg/L			NM	781	898	888	857	4	0	781	898	856	52.9591
TDS Balance (0.80 - 1.20)	dec. %			NM	1.14	0.99	0.96	1.02	4	0	0.96	1.14	1.0275	0.078899

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL
Secondary Standard

Dewey-Burdock Hydro ID				16	16	16	16	16	Summary Statistics for Hydro ID 16					
Quarter Sampled				Initial	3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				10/3/2006 12:00:00 PM	9/27/2007 7:18:00 PM	11/12/2007 4:05:00 PM	3/30/2008 3:19:00 PM	6/30/2008 1:45:00 PM						
Lab ID				R06100076 -006	R07090385 -002	R07110146 -010	R08030315 -004	R08070005 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters														
Field Conductivity	umhos/cm			NM	740	1016	917	1159	4	0	740	1159	958	176.0398
Field Dissolved Oxygen	mg/L			NM	0.27	NM	0.23	NM	2	0	0.23	0.27	0.25	0.028284
Field pH	s.u.		6.5-8.5	NM	7.13	NM	7.43	7.67	3	0	7.13	7.67	7.41	0.270555
Field Temperature	Deg C			11	NM	12.95	8.84	15.01	4	0	8.84	15.01	11.95	2.641855
Field Turbidity	NTUs			NM	NM	NM	0	1	2	0	0	1	0.5	0.707107
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Physical Properties														
Conductivity @ 25 C	umhos/cm			1260	1080	925	1050	1000	5	0	925	1260	1063	124.7798
Non-polar Materials (SGT-HEM)	mg/L			<5	NM	NM	NM	NM	1	1	<5	<5	<5	---
Oxidation-Reduction Potential	mV			NM	NM	240	200	230	3	0	200	240	223.3333	20.81666
pH, Laboratory	s.u.		6.5-8.5	7.44	7.43	7.48	7.57	7.38	5	0	7.38	7.57	7.46	0.071063
Sodium Adsorption Ratio (SAR)	unitless			NM	NM	0.94	0.96	0.93	3	0	0.93	0.96	0.943333	0.015275
Solids, Total Dissolved TDS @ 180 C	mg/L		500	940	810	760	780	780	5	0	760	940	814	72.66361
Major Ions														
Alkalinity, Total as CaCO3	mg/L			160	158	148	148	150	5	0	148	160	152.8	5.761944
Bicarbonate as HCO3	mg/L			200	193	180	180	183	5	0	180	200	187.2	8.927486
Calcium, Dissolved	mg/L			140	108 d	103	113	125	5	0	103	140	117.8	14.85598
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	5	5	<5	<5	<5	<5
Chloride	mg/L		250	6.2	5	5	5	4	5	0	4	6.2	5.04	0.779744
Fluoride	mg/L	4	2	0.37	0.4	0.4	0.4	0.5	5	0	0.37	0.5	0.414	0.0498
Magnesium, Dissolved	mg/L			55	40.7	39.4	46.8	47	5	0	39.4	55	45.78	6.205804
Nitrogen, Ammonia as N	mg/L			<0.1	0.4	<0.1	<0.1	<0.1	5	4	<0.1	0.4	0.12	0.156525
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	0.2	<0.1	<0.1	5	4	<0.1	0.2	0.08	0.067082
Nitrogen, Nitrite as N	mg/L	1		NM	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			16	16.6	16	15.1	16.7	5	0	15.1	16.7	16.08	0.637966
Silica	mg/L			NM	7.3	6.5	7	3.9	4	0	3.9	7.3	6.175	1.552149
Silicon as SiO2	mg/L			7	NM	NM	NM	NM	1	0	7	7	7	---
Sodium, Dissolved	mg/L			53	44 d	44.1 d	48	48 d	5	0	44	53	47.42	3.692154
Sulfate, Total	mg/L		250	522 d	448 d	428 d	449 d	401 d	5	0	401	522	449.6	44.92549
Metals, Dissolved														
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.01	0.001	<0.001	<0.001	0.001	5	3	<0.001	0.001	0.0016	0.001917
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.12	<0.1	<0.1	<0.1	<0.1	5	4	<0.1	0.12	0.064	0.031305
Cadmium, Dissolved	mg/L	0.005		<0.001	<0.005	<0.005	<0.005	<0.005	5	5	<0.001	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.01	<0.05	<0.05	<0.05	<0.05	5	5	<0.01	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	5	5	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	<0.03	5	5	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.01	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.01	<0.01	<0.01
Manganese, Dissolved	mg/L		0.05	0.19	0.16	<0.01	0.13	0.14	5	1	<0.01	0.19	0.125	0.070887
Mercury, Dissolved	mg/L	0.002		NM	<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.005	<0.1	<0.1	<0.1	<0.1	5	5	<0.005	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.01	<0.05	<0.05	<0.05	<0.05	5	5	<0.01	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.005	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.005	<0.005	<0.005
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	5	5	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			NM	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.002	0.0021	0.0007	0.0007	<0.0003	5	1	<0.0003	0.0021	0.00113	0.00087
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	0.04	0.04	0.06	0.01	0.02	5	0	0.01	0.06	0.034	0.019494
Metals, Dissolved, Speciated														
Selenium-IV, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended														
Uranium, Suspended	mg/L	0.03		NM	<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total														
Antimony, Total	mg/L	0.006		NM	NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	NM	0.004 d	<0.002	2	1	<0.002	0.004	0.0025	0.002121
Barium, Total	mg/L	2		NM	NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	NM	0.25	0.26	2	0	0.25	0.26	0.255	0.007071
Lead, Total	mg/L			NM	NM	NM	<0.001	<0.003	2	2	<0.001	<0.003	<0.003	<0.003
Manganese, Total	mg/L		0.05	NM	NM	NM	0.14	0.13	2	0	0.13	0.14	0.135	0.007071
Mercury, Total	mg/L	0.002		<0.001	<0.0002	<0.001	<0.001	<0.0002	5	5	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	NM	<0.001	0.002 d	2	1	<0.001	0.002	0.00125	0.001061
Silver, Total	mg/L		0.1	NM	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	NM	2.7	2.7	2	0	2.7	2.7	2.7	0
Thallium, Total	mg/L	0.002		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	NM	NM	0.0007	<0.0003	2	1	<0.0003	0.0007	0.000425	0.000389
Zinc, Total	mg/L		5	NM	NM	NM	0.02	<0.03	2	1	<0.03	0.02	0.0175	0.003536
Radionuclides, Dissolved														
Actinium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Americium 241, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Barium 133, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Bismuth 212, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Bismuth 214, Dissolved	pCi/L			770	NM	NM	NM	NM	1	0	770	770	770	---
Cesium 134, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Cesium 137, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Cobalt 60, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Gross Alpha, Dissolved	pCi/L	15		110	62.7	12.2	85.7	28.3	5	0	12.2	110	59.78	40.17856
Gross Beta, Dissolved	pCi/L			50	33.1	24	47.2	19.3	5	0	19.3	50	34.72	13.6432
Gross Gamma, Dissolved	pCi/L			1600	<20	2300	600	760	5	1	<20	2300	1054	899.0439
Iodine 125, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Iodine 131, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Lead 210, Dissolved	pCi/L			NM	<1	2.2	-27 j	2 j	4	1	<1	2.2	-5.575	14.30347
Lead 212, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Lead 214, Dissolved	pCi/L			810	NM	NM	NM	NM	1	0	810	810	810	---
Manganese 54, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Polonium 210, Dissolved	pCi/L			NM	<1	<1	0.2 j	0 j	4	2	<1	0.2	0.3	0.244949
Potassium 40, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radium 223, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radium 224, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				16	16	16	16	16	Summary Statistics for Hydro ID 16					
Quarter Sampled				Initial	3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				10/3/2006 12:00:00 PM	9/27/2007 7:18:00 PM	11/12/2007 4:05:00 PM	3/30/2008 3:19:00 PM	6/30/2008 1:45:00 PM						
Lab ID				R06100076 -006	R07090385 -002	R07110146 -010	R08030315 -004	R08070005 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Radium 226, Dissolved	pCi/L	5		33.6	26.2	8.1	15.3	6.4	5	0	6.4	33.6	17.92	11.7306
Radium 226, Dissolved E901.1	pCi/L	5		770	NM	NM	NM	NM	1	0	770	770	770	---
Radium 228, Dissolved	pCi/L			<1	NM	NM	NM	NM	1	1	<1	<1	<1	---
Radium 228, Dissolved E901.1	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thallium 208, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thorium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thorium 230, Dissolved	pCi/L			NM	0.3	<0.2	0.2 j	0 j	4	1	<0.2	0.3	0.15	0.129099
Thorium 234, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Uranium 238, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Zinc 65, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radionuclides, Suspended														
Lead 210, Suspended	pCi/L			NM	<1	1.2	0 j	-0.4 j	4	1	<1	1.2	0.325	0.689807
Polonium 210, Suspended	pCi/L			NM	<1	<1	0.8 j	0 j	4	2	<1	0.8	0.45	0.331662
Radium 226, Suspended	pCi/L	5		NM	<0.2	<0.2	1.4	-0.3 j	4	2	<0.2	1.4	0.325	0.741058
Thorium 230, Suspended	pCi/L			NM	<0.2	<0.2	0.1 j	0 j	4	2	<0.2	0.1	0.075	0.05
Radionuclides, Total														
Lead 210, Total	pCi/L			NM	<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			NM	<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		NM	17.4	NM	NM	NM	1	0	17.4	17.4	17.4	---
Radon 222, Total	pCi/L			39000	NM	1090	28200	3150	4	0	1090	39000	17860	18721.04
Thorium 230, Total	pCi/L			NM	<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters														
A/C Balance (± 5)	%			NM	-2.85	-1.55	-2	4.63	4	0	-2.85	4.63	-0.4425	3.424358
Anions	meq/l			NM	11.8	11	12.5	11.5	4	0	11	12.5	11.7	0.627163
Cations	meq/l			NM	11.1	10.7	12	12.6	4	0	10.7	12.6	11.6	0.860233
Solids, Total Dissolved Calculated	mg/L			NM	715	686	786	743	4	0	686	786	732.5	42.58717
TDS Balance (0.80 - 1.20)	dec. %			NM	1.14	1.11	0.99	1.04	4	0	0.99	1.14	1.07	0.067823

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL
Secondary Standard

Dewey-Burdock Hydro ID				18	18	18	18	18	Summary Statistics for Hydro ID 18					
Quarter Sampled				Initial	3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				10/3/2006 10:07:00 AM	9/26/2007 10:39:00 AM	11/12/2007 10:15:00 AM	2/12/2008 11:08:00 AM	5/30/2008 11:12:00 AM						
Lab ID				R06100076 -001	R07090384 -001	R07110146 -004	R08020130 -003	R08050427 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters														
Field Conductivity	umhos/cm			NM	1157	1408	1446	1413	4	0	1157	1446	1356	133.7336
Field Dissolved Oxygen	mg/L			NM	0.86	1.76	NM	NM	2	0	0.86	1.76	1.31	0.636396
Field pH	s.u.		6.5-8.5	NM	8.11	8.28	8.07	8.14	4	0	8.07	8.28	8.15	0.091287
Field Temperature	Deg C			11	NM	12.58	12.02	12.26	4	0	11	12.58	11.965	0.683008
Field Turbidity	NTUs			NM	NM	1.7	0.1	0.4	3	0	0.1	1.7	0.73	0.85049
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Physical Properties														
Conductivity @ 25 C	umhos/cm			1430	1430	1360	1450	1470	5	0	1360	1470	1428	41.47288
Non-polar Materials (SGT-HEM)	mg/L			<5	NM	NM	NM	NM	1	1	<5	<5	<5	---
Oxidation-Reduction Potential	mV			NM	NM	80	130	200	3	0	80	200	137	60.27714
pH, Laboratory	s.u.		6.5-8.5	8.11	8.09	8.02	8.11	8.1	5	0	8.02	8.11	8.086	0.037815
Sodium Adsorption Ratio (SAR)	unitless			NM	NM	11	10	10	3	0	10	11	10.3	0.57735
Solids, Total Dissolved TDS @ 180 C	mg/L		500	950	990	960	960	940	5	0	940	990	960	18.70829
Major Ions														
Alkalinity, Total as CaCO3	mg/L			180	184	176	180	180	5	0	176	184	180	2.828427
Bicarbonate as HCO3	mg/L			220	224	215	219	219	5	0	215	224	219.4	3.209361
Calcium, Dissolved	mg/L			34	31.8	33	34	38	5	0	31.8	38	34.16	2.329807
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	5	5	<5	<5	<5	<5
Chloride	mg/L		250	14	13	13	14	12	5	0	12	14	13.2	0.83666
Fluoride	mg/L	4	2	0.38	0.4	0.4	0.5	0.4	5	0	0.38	0.5	0.416	0.047749
Magnesium, Dissolved	mg/L			12	11.3	11.6	12.2	13.4	5	0	11.3	13.4	12.1	0.806226
Nitrogen, Ammonia as N	mg/L			0.2	0.2	0.2	0.2	0.1	5	0	0.1	0.2	0.18	0.044721
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		NM	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			7	7.2	7	7.3	6.9	5	0	6.9	7.3	7.08	0.164317
Silica	mg/L			NM	7.5	7.3	7.8	4.2	4	0	4.2	7.8	6.7	1.679286
Silicon as SiO2	mg/L			7	NM	NM	NM	NM	1	0	7	7	7	---
Sodium, Dissolved	mg/L			260	278 d	280 d	270 d	291 d	5	0	260	291	275.8	11.58447
Sulfate, Total	mg/L		250	481 d	513 d	534 d	537	492 d	5	0	481	537	511.4	24.84552
Metals, Dissolved														
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.01	0.002	0.001	0.001	0.001	5	1	<0.01	0.002	0.002	0.001732
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.001	<0.01	<0.005	<0.005	<0.005	5	5	<0.001	<0.01	<0.01	<0.01
Chromium, Dissolved	mg/L	0.1		<0.01	<0.05	<0.05	<0.05	<0.05	5	5	<0.01	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	5	5	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	<0.03	5	5	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.01	<0.05	<0.001	<0.001	<0.001	5	5	<0.001	<0.05	<0.05	<0.05
Manganese, Dissolved	mg/L		0.05	0.06	0.06	0.06	0.07	0.06	5	0	0.06	0.07	0.062	0.004472
Mercury, Dissolved	mg/L	0.002		NM	<0.0002	<0.001	<0.001	<0.001	4	4	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.005	<0.1	<0.1	<0.1	<0.1	5	5	<0.005	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			0.03	<0.05	<0.05	<0.05	<0.05	5	4	<0.05	0.03	0.026	0.002236
Selenium, Dissolved	mg/L	0.05		<0.005	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.005	<0.005	<0.005
Silver, Dissolved	mg/L		0.1	<0.005	<0.01	<0.005	<0.005	<0.005	5	5	<0.005	<0.01	<0.01	<0.01
Thorium 232, Dissolved	mg/L			NM	<0.001	<0.005	<0.005	<0.005	4	4	<0.001	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.007	0.0061	0.0066	0.0066	0.0059	5	0	0.0059	0.007	0.00644	0.000439
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	5	5	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated														
Selenium-IV, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended														
Uranium, Suspended	mg/L	0.03		NM	0.0017	<0.0003	<0.0003	<0.0003	4	3	<0.0003	0.0017	0.0005	0.000775
Metals, Total														
Antimony, Total	mg/L	0.006		NM	NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	NM	0.002	0.003 d	2	0	0.002	0.003	0.0025	0.000707
Barium, Total	mg/L	2		NM	NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	NM	1.04	1.11	2	0	1.04	1.11	1.075	0.049497
Lead, Total	mg/L			NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	NM	0.06	0.06	2	0	0.06	0.06	0.06	0
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.0001	5	5	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	NM	<0.01	<0.1	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	NM	0.6	0.7	2	0	0.6	0.7	0.65	0.070711
Thallium, Total	mg/L	0.002		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	0.008	NM	0.0062 d	0.0062	3	0	0.0062	0.008	0.0068	0.001039
Zinc, Total	mg/L		5	NM	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved														
Actinium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Americium 241, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Barium 133, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Bismuth 212, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Bismuth 214, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Cesium 134, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Cesium 137, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Cobalt 60, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Gross Alpha, Dissolved	pCi/L	15		37	15.7	18.9	31.7	27.5	5	0	15.7	37	26.16	8.833346
Gross Beta, Dissolved	pCi/L			14	6.7	12.1	13	4.8	5	0	4.8	14	10.12	4.100854
Gross Gamma, Dissolved	pCi/L			<20	510	370	190	0 j	5	1	<20	510	216	223.5621
Iodine 125, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Iodine 131, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Lead 210, Dissolved	pCi/L			NM	<1	4.6	<1	-1 j	4	2	<1	4.6	1.15	2.406242
Lead 212, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Lead 214, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Manganese 54, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Polonium 210, Dissolved	pCi/L			NM	<1	<1	2.2	0 j	4	2	<1	2.2	0.8	0.962635
Potassium 40, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radium 223, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radium 224, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				18	18	18	18	18	Summary Statistics for Hydro ID 18					
Quarter Sampled				Initial	3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				10/3/2006 10:07:00 AM	9/26/2007 10:39:00 AM	11/12/2007 10:15:00 AM	2/12/2008 11:08:00 AM	5/30/2008 11:12:00 AM						
Lab ID				R06100076 -001	R07090384 -001	R07110146 -004	R08020130 -003	R08050427 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Radium 226, Dissolved	pCi/L	5		5.8	<0.2	3.2	3.2	2.6	5	1	<0.2	5.8	2.98	2.030271
Radium 226, Dissolved E901.1	pCi/L	5		<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radium 228, Dissolved	pCi/L			2.3	NM	NM	NM	NM	1	0	2.3	2.3	2.3	---
Radium 228, Dissolved E901.1	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thallium 208, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thorium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thorium 230, Dissolved	pCi/L			NM	<0.2	<0.2	0.2	0 j	4	2	<0.2	0.2	0.1	0.08165
Thorium 234, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Uranium 238, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Zinc 65, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radionuclides, Suspended														
Lead 210, Suspended	pCi/L			NM	<1	<1	<1	29.6	4	3	<1	29.6	7.775	14.55
Polonium 210, Suspended	pCi/L			NM	6	<1	<1	1.7	4	2	<1	6	2.175	2.611992
Radium 226, Suspended	pCi/L	5		NM	4	<0.2	1.1	1.1	4	1	<0.2	4	1.575	1.683993
Thorium 230, Suspended	pCi/L			NM	<0.2	<0.2	<0.2	0.1 j	4	3	<0.2	0.1	0.1	0
Radionuclides, Total														
Lead 210, Total	pCi/L			NM	<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			NM	6	NM	NM	NM	1	0	6	6	6	---
Radium 226, Total	pCi/L	5		NM	4	NM	NM	NM	1	0	4	4	4	---
Radon 222, Total	pCi/L			762	NM	945	1220 h	1210	4	0	762	1220	1034.25	221.7181
Thorium 230, Total	pCi/L			NM	<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters														
A/C Balance (± 5)	%			NM	0.211	-0.239	-1.77	5.45	4	0	-1.77	5.45	0.913	3.141272
Anions	meq/l			NM	14.7	15	15.2	14.2	4	0	14.2	15.2	14.775	0.434933
Cations	meq/l			NM	14.8	15	14.7	15.8	4	0	14.7	15.8	15.075	0.499166
Solids, Total Dissolved Calculated	mg/L			NM	965	994	1000	973	4	0	965	1000	983	16.67333
TDS Balance (0.80 - 1.20)	dec. %			NM	1.03	0.97	0.96	0.96	4	0	0.96	1.03	0.98	0.033665

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL
Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				41	Summary Statistics for Hydro ID 41					
Month Sampled				Initial						
Date and Time Collected				10/3/2006 10:49:00 AM						
Lab ID				R06100076 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			NM	NM	NM	NM	NM	NM	NM
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	NM	NM	NM	NM	NM	NM	NM
Field Temperature	Deg C			10	1	0	10	10	10	---
Field Turbidity	NTUs			NM	NM	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			1380	1	0	1380	1380	1380	---
Non-polar Materials (SGT-HEM)	mg/L			<5	1	1	<5	<5	<5	---
pH, Laboratory	s.u.		6.5-8.5	7.92	1	0	7.92	7.92	7.92	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	910	1	0	910	910	910	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			180	1	0	180	180	180	---
Bicarbonate as HCO3	mg/L			220	1	0	220	220	220	---
Calcium, Dissolved	mg/L			41	1	0	41	41	41	---
Carbonate as CO3	mg/L			<5	1	1	<5	<5	<5	---
Chloride	mg/L		250	14	1	0	14	14	14	---
Fluoride	mg/L	4	2	0.37	1	0	0.37	0.37	0.37	---
Magnesium, Dissolved	mg/L			16	1	0	16	16	16	---
Nitrogen, Ammonia as N	mg/L			0.2	1	0	0.2	0.2	0.2	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			8	1	0	8	8	8	---
Silicon as SiO2	mg/L			7	1	0	7	7	7	---
Sodium, Dissolved	mg/L			230	1	0	230	230	230	---
Sulfate, Total	mg/L		250	458 d	1	0	458	458	458	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		<0.01	1	1	<0.01	<0.01	<0.01	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Dissolved	mg/L	0.005		<0.001	1	1	<0.001	<0.001	<0.001	---
Chromium, Dissolved	mg/L	0.1		<0.01	1	1	<0.01	<0.01	<0.01	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Dissolved	mg/L			<0.01	1	1	<0.01	<0.01	<0.01	---
Manganese, Dissolved	mg/L		0.05	0.1	1	0	0.1	0.1	0.1	---
Molybdenum, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Nickel, Dissolved	mg/L			0.02	1	0	0.02	0.02	0.02	---
Selenium, Dissolved	mg/L	0.05		<0.005	1	1	<0.005	<0.005	<0.005	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		0.007	1	0	0.007	0.007	0.007	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	0.01	1	0	0.01	0.01	0.01	---
Metals, Total										
Mercury, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Radionuclides, Dissolved										
Actinium 228, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Americium 241, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Barium 133, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Bismuth 212, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Bismuth 214, Dissolved	pCi/L			210	1	0	210	210	210	---
Cesium 134, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Cesium 137, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Cobalt 60, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Gross Alpha, Dissolved	pCi/L	15		88	1	0	88	88	88	---
Gross Beta, Dissolved	pCi/L			32	1	0	32	32	32	---
Gross Gamma, Dissolved	pCi/L			410	1	0	410	410	410	---
Iodine 125, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Iodine 131, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Lead 212, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Lead 214, Dissolved	pCi/L			190	1	0	190	190	190	---
Manganese 54, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Potassium 40, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Radium 223, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Radium 224, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Radium 226, Dissolved	pCi/L	5		16.5	1	0	16.5	16.5	16.5	---
Radium 226, Dissolved E901.1	pCi/L	5		210	1	0	210	210	210	---
Radium 228, Dissolved	pCi/L			<1	1	1	<1	<1	<1	---
Radium 228, Dissolved E901.1	pCi/L			<20	1	1	<20	<20	<20	---
Thallium 208, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Thorium 228, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Thorium 234, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				41	Summary Statistics for Hydro ID 41					
Month Sampled				Initial						
Date and Time Collected				10/3/2006 10:49:00 AM						
Lab ID				R06100076 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium 238, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Zinc 65, Dissolved	pCi/L			<20	1	1	<20	<20	<20	---
Radionuclides, Total										
Radon 222, Total	pCi/L			9670	1	0	9670	9670	9670	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard

Dewey-Burdock Hydro ID				42	42	42	42	42	Summary Statistics for Hydro ID 42					
Quarter Sampled				Initial	3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				10/3/2006 10:18:00 AM	9/28/2007 11:34:00 AM	11/12/2007 11:20:00 AM	2/5/2008 2:10:00 PM	5/30/2008 11:55:00 AM						
Lab ID				R06100076 -002	R07100002 -003	R07110146 -006	R08020052 -004	R08050427 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters														
Field Conductivity	umhos/cm			NM	1079	1393	1463	1392	4	0	1079	1463	1331.75	171.7467
Field Dissolved Oxygen	mg/L			NM	NM	1.32	5.25	NM	2	0	1.32	5.25	3.285	2.77893
Field pH	s.u.		6.5-8.5	NM	7.82	8.03	8.14	8.01	4	0	7.82	8.14	8	0.132916
Field Temperature	Deg C			12	NM	12.58	0.75	12.2	4	0	0.75	12.58	9.3825	5.760025
Field Turbidity	NTUs			NM	NM	0.5	0.5	0.2	3	0	0.2	0.5	0.4	0.173205
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Physical Properties														
Conductivity @ 25 C	umhos/cm			1410	1390	1310	1420	1510	5	0	1310	1510	1408	71.55418
Non-polar Materials (SGT-HEM)	mg/L			<5	NM	NM	NM	NM	1	1	<5	<5	<5	---
Oxidation-Reduction Potential	mV			NM	NM	240	170	200	3	0	170	240	203.3333	35.11885
pH, Laboratory	s.u.		6.5-8.5	8.01	8.02	7.95	8.08	8.05	5	0	7.95	8.08	8.022	0.048683
Sodium Adsorption Ratio (SAR)	unitless			NM	NM	10	11	9.7	3	0	9.7	11	10.23333	0.680686
Solids, Total Dissolved TDS @ 180 C	mg/L		500	940	960	940	980	930	5	0	930	980	950	20
Major Ions														
Alkalinity, Total as CaCO3	mg/L			180	180	174	180	176	5	0	174	180	178	2.828427
Bicarbonate as HCO3	mg/L			220	219	212	219	215	5	0	212	220	217	3.391165
Calcium, Dissolved	mg/L			35	30 d	34	35.3	39.4	5	0	30	39.4	34.74	3.358273
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	5	5	<5	<5	<5	<5
Chloride	mg/L		250	14	12	13	12	11	5	0	11	14	12.4	1.140175
Fluoride	mg/L	4	2	0.39	0.4	0.4	0.4	0.4	5	0	0.39	0.4	0.398	0.004472
Magnesium, Dissolved	mg/L			12	9.4	11.8	12.3	13.5	5	0	9.4	13.5	11.8	1.494992
Nitrogen, Ammonia as N	mg/L			0.2	0.1	0.1	0.1	0.1	5	0	0.1	0.2	0.12	0.044721
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	0.2	<0.1	<0.1	5	4	<0.1	0.2	0.08	0.067082
Nitrogen, Nitrite as N	mg/L	1		NM	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			7	7.1	7.2	7.8	6.8	5	0	6.8	7.8	7.18	0.376829
Silica	mg/L			NM	7.1	7.2	7.4	4.1	4	0	4.1	7.4	6.45	1.571623
Silicon as SiO2	mg/L			7	NM	NM	NM	NM	1	0	7	7	7	---
Sodium, Dissolved	mg/L			250	242 d	270 d	289 l	277 d	5	0	242	289	265.6	19.34683
Sulfate, Total	mg/L		250	473 d	505 d	519 d	505 d	466 d	5	0	466	519	493.6	22.86482
Metals, Dissolved														
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.01	<0.001	<0.001	0.001	<0.001	5	4	<0.001	0.001	0.0015	0.001969
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	0.1	<0.1	5	4	<0.1	0.1	0.06	0.022361
Cadmium, Dissolved	mg/L	0.005		<0.001	<0.005	<0.005	<0.005	<0.005	5	5	<0.001	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.01	<0.05	<0.05	<0.05	<0.05	5	5	<0.01	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	5	5	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	<0.03	5	5	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.01	<0.001	<0.001	<0.001	<0.001	5	5	<0.001	<0.01	<0.01	<0.01
Manganese, Dissolved	mg/L		0.05	0.08	0.06	0.08	0.09	0.08	5	0	0.06	0.09	0.078	0.010954
Mercury, Dissolved	mg/L	0.002		NM	<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.005	<0.1	<0.1	<0.1	<0.1	5	5	<0.005	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			0.02	<0.05	<0.05	<0.05	<0.05	5	4	<0.05	0.02	0.024	0.002236
Selenium, Dissolved	mg/L	0.05		<0.005	<0.001	<0.001	0.001	<0.001	5	4	<0.001	0.001	0.001	0.000866
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	5	5	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			NM	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.04	0.015	0.0324	0.0194	0.0142	5	0	0.0142	0.04	0.0242	0.011452
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	5	5	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	0.01	0.03	0.02	0.02	5	1	<0.01	0.03	0.017	0.009747
Metals, Dissolved, Speciated														
Selenium-IV, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	NM	<0.001	0.001	<0.001	3	2	<0.001	0.001	0.000667	0.000289
Metals, Suspended														
Uranium, Suspended	mg/L	0.03		NM	0.0029	<0.0003	<0.0003	<0.0003	4	3	<0.0003	0.0029	0.000838	0.001375
Metals, Total														
Antimony, Total	mg/L	0.006		NM	NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	NM	0.002	0.004 d	2	0	0.002	0.004	0.003	0.001414
Barium, Total	mg/L	2		NM	NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	NM	0.15	0.16	2	0	0.15	0.16	0.155	0.007071
Lead, Total	mg/L			NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	NM	0.08	0.08	2	0	0.08	0.08	0.08	0
Mercury, Total	mg/L	0.002		<0.001	<0.0002	<0.001	<0.001	<0.0001	5	5	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	NM	<0.01	<0.1	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	NM	0.7	0.7	2	0	0.7	0.7	0.7	0
Thallium, Total	mg/L	0.002		NM	NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	NM	NM	0.0198	0.0149	2	0	0.0149	0.0198	0.01735	0.003465
Zinc, Total	mg/L		5	NM	NM	NM	0.03	0.02	2	0	0.02	0.03	0.025	0.007071
Radionuclides, Dissolved														
Actinium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Americium 241, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Barium 133, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Bismuth 212, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Bismuth 214, Dissolved	pCi/L			1600	NM	NM	NM	NM	1	0	1600	1600	1600	---
Cesium 134, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Cesium 137, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Cobalt 60, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Gross Alpha, Dissolved	pCi/L	15		560	371	375	526	558	5	0	371	560	478	96.80651
Gross Beta, Dissolved	pCi/L			110	122	173	93.5	159	5	0	93.5	173	131.5	33.44772
Gross Gamma, Dissolved	pCi/L			3400	1300	70000	2800	150	5	0	150	70000	15530	30476.25
Iodine 125, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Iodine 131, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Lead 210, Dissolved	pCi/L			NM	<1	21	15	17.8	4	1	<1	21	13.575	9.054787
Lead 212, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Lead 214, Dissolved	pCi/L			1800	NM	NM	NM	NM	1	0	1800	1800	1800	---
Manganese 54, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Polonium 210, Dissolved	pCi/L			NM	<1	<1	5.5	1.6	4	2	<1	5.5	2.025	2.373991
Potassium 40, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radium 223, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radium 224, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				42	42	42	42	42	Summary Statistics for Hydro ID 42					
Quarter Sampled				Initial	3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				10/3/2006 10:18:00 AM	9/28/2007 11:34:00 AM	11/12/2007 11:20:00 AM	2/5/2008 2:10:00 PM	5/30/2008 11:55:00 AM						
Lab ID				R06100076 -002	R07100002 -003	R07110146 -006	R08020052 -004	R08050427 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Radium 226, Dissolved	pCi/L	5		87.6	96.5	102	100	100	5	0	87.6	102	97.22	5.730794
Radium 226, Dissolved E901.1	pCi/L	5		1600	NM	NM	NM	NM	1	0	1600	1600	1600	---
Radium 228, Dissolved	pCi/L			<1	NM	NM	NM	NM	1	1	<1	<1	<1	---
Radium 228, Dissolved E901.1	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thallium 208, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thorium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Thorium 230, Dissolved	pCi/L			NM	<0.2	0.5	<0.2	0.1 j	4	2	<0.2	0.5	0.2	0.2
Thorium 234, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Uranium 238, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Zinc 65, Dissolved	pCi/L			<20	NM	NM	NM	NM	1	1	<20	<20	<20	---
Radionuclides, Suspended														
Lead 210, Suspended	pCi/L			NM	57	<1	17	14	4	1	<1	57	22.125	24.33233
Polonium 210, Suspended	pCi/L			NM	13	1.1	2	0.3 j	4	0	0.3	13	4.1	5.973832
Radium 226, Suspended	pCi/L	5		NM	<0.2	<0.2	5.1	-0.3 j	4	2	<0.2	5.1	1.25	2.573584
Thorium 230, Suspended	pCi/L			NM	<0.2	0.2	<0.2	0 j	4	2	<0.2	0.2	0.1	0.08165
Radionuclides, Total														
Lead 210, Total	pCi/L			NM	57	NM	NM	NM	1	0	57	57	57	---
Polonium 210, Total	pCi/L			NM	13	NM	NM	NM	1	0	13	13	13	---
Radium 226, Total	pCi/L	5		NM	79.7	NM	NM	NM	1	0	79.7	79.7	79.7	---
Radon 222, Total	pCi/L			197000	NM	132000	175000 h	219000	4	0	132000	219000	180750	37133.77
Thorium 230, Total	pCi/L			NM	<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters														
A/C Balance (± 5)	%			NM	-1.32	-0.342	3.65	6.08	4	0	-1.32	6.08	2.017	3.458088
Anions	meq/l			NM	13.3	14.7	14.5	13.6	4	0	13.3	14.7	14.025	0.680074
Cations	meq/l			NM	13	14.6	15.6	15.3	4	0	13	15.6	14.625	1.161536
Solids, Total Dissolved Calculated	mg/L			NM	858	969	971	932	4	0	858	971	932.5	52.80467
TDS Balance (0.80 - 1.20)	dec. %			NM	1.12	0.97	1.01	1	4	0	0.97	1.12	1.025	0.065574

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL
Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				49	Summary Statistics for Hydro ID 49					
Month Sampled				Jul-08						
Date and Time Collected				7/1/2008 6:26:00 PM						
Lab ID				R08070035 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			1381	1	0	1381	1381	1381	---
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	7.77	1	0	7.77	7.77	7.77	---
Field Temperature	Deg C			14	1	0	14	14	14	---
Field Turbidity	NTUs			0.5	1	0	0.5	0.5	0.5	---
Water Level Elevation	ft AMSL			3642.1	1	0	3642.1	3642.1	3642.1	---
Physical Properties										
Conductivity @ 25 C	umhos/cm			1200	1	0	1200	1200	1200	---
Oxidation-Reduction Potential	mV			160	1	0	160	160	160	---
pH, Laboratory	s.u.		6.5-8.5	7.91	1	0	7.91	7.91	7.91	---
Sodium Adsorption Ratio (SAR)	unitless			6.1	1	0	6.1	6.1	6.1	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	930	1	0	930	930	930	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			168	1	0	168	168	168	---
Bicarbonate as HCO3	mg/L			205	1	0	205	205	205	---
Calcium, Dissolved	mg/L			62.2	1	0	62.2	62.2	62.2	---
Carbonate as CO3	mg/L			<5	1	1	<5	<5	<5	---
Chloride	mg/L		250	12	1	0	12	12	12	---
Fluoride	mg/L	4	2	0.4	1	0	0.4	0.4	0.4	---
Magnesium, Dissolved	mg/L			25.2	1	0	25.2	25.2	25.2	---
Nitrogen, Ammonia as N	mg/L			0.2	1	0	0.2	0.2	0.2	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			10.4	1	0	10.4	10.4	10.4	---
Silica	mg/L			4.6	1	0	4.6	4.6	4.6	---
Sodium, Dissolved	mg/L			226 d	1	0	226	226	226	---
Sulfate, Total	mg/L		250	465	1	0	465	465	465	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	0.14	1	0	0.14	0.14	0.14	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		0.0011	1	0	0.0011	0.0011	0.0011	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Selenium-VI, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		<0.002	1	1	<0.002	<0.002	<0.002	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Total	mg/L		0.3	0.14	1	0	0.14	0.14	0.14	---
Lead, Total	mg/L			<0.003	1	1	<0.003	<0.003	<0.003	---
Manganese, Total	mg/L		0.05	0.12	1	0	0.12	0.12	0.12	---
Mercury, Total	mg/L	0.002		<0.0002	1	1	<0.0002	<0.0002	<0.0002	---
Mercury, Total A3112B	mg/L	0.002		<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		0.003 d	1	0	0.003	0.003	0.003	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			1.1	1	0	1.1	1.1	1.1	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				49	Summary Statistics for Hydro ID 49					
Month Sampled				Jul-08						
Date and Time Collected				7/1/2008 6:26:00 PM						
Lab ID				R08070035 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		0.0011	1	0	0.0011	0.0011	0.0011	---
Zinc, Total	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		8.2	1	0	8.2	8.2	8.2	---
Gross Beta, Dissolved	pCi/L			7.1	1	0	7.1	7.1	7.1	---
Gross Gamma, Dissolved	pCi/L			920	1	0	920	920	920	---
Lead 210, Dissolved	pCi/L			1.6 j	1	0	1.6	1.6	1.6	---
Polonium 210, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Radium 226, Dissolved	pCi/L	5		2.2	1	0	2.2	2.2	2.2	---
Thorium 230, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			1.3 j	1	0	1.3	1.3	1.3	---
Polonium 210, Suspended	pCi/L			-0.1 j	1	0	-0.1	-0.1	-0.1	---
Radium 226, Suspended	pCi/L	5		0.2 j	1	0	0.2	0.2	0.2	---
Thorium 230, Suspended	pCi/L			0.2 j	1	0	0.2	0.2	0.2	---
Radionuclides, Total										
Radon 222, Total	pCi/L			477	1	0	477	477	477	---
Data Quality Parameters										
A/C Balance (± 5)	%			6.51	1	0	6.51	6.51	6.51	---
Anions	meq/l			13.4	1	0	13.4	13.4	13.4	---
Cations	meq/l			15.3	1	0	15.3	15.3	15.3	---
Solids, Total Dissolved Calculated	mg/L			915	1	0	915	915	915	---
TDS Balance (0.80 - 1.20)	dec. %			1.02	1	0	1.02	1.02	1.02	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL
Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				135	135	Summary Statistics for Hydro ID 135 After Reverse Osmosis						Summary Statistics for Hydro ID 135 Before Reverse Osmosis					
Sample Purpose				After Reverse Osmosis	Before Reverse Osmosis												
Date and Time Collected				3/13/2008 11:45:00 AM	3/13/2008 12:15:00 PM												
Lab ID				R08030154 -002	R08030154 -001												
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters																	
Field Conductivity	umhos/cm			136	2246	1	0	136	136	136	---	1	0	2246	2246	2246	---
Field Dissolved Oxygen	mg/L			1.6	1.64	1	0	1.6	1.6	1.6	---	1	0	1.64	1.64	1.64	---
Field pH	s.u.		6.5-8.5	6.79	7.13	1	0	6.79	6.79	6.79	---	1	0	7.13	7.13	7.13	---
Field Temperature	Deg C			17.83	7.03	1	0	17.83	17.83	17.83	---	1	0	7.03	7.03	7.03	---
Field Turbidity	NTUs			0.5	6.9	1	0	0.5	0.5	0.5	---	1	0	6.9	6.9	6.9	---
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Physical Properties																	
Conductivity @ 25 C	umhos/cm			131	2700	1	0	131	131	131	---	1	0	2700	2700	2700	---
pH, Laboratory	s.u.		6.5-8.5	6.49	7.4	1	0	6.49	6.49	6.49	---	1	0	7.4	7.4	7.4	---
Sodium Adsorption Ratio (SAR)	unitless			<0.1	2.2	1	1	<0.1	<0.1	<0.1	---	1	0	2.2	2.2	2.2	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	92	2400	1	0	92	92	92	---	1	0	2400	2400	2400	---
Major Ions																	
Alkalinity, Total as CaCO3	mg/L			12	254	1	0	12	12	12	---	1	0	254	254	254	---
Bicarbonate as HCO3	mg/L			15	310	1	0	15	15	15	---	1	0	310	310	310	---
Calcium, Dissolved	mg/L			<0.5	292	1	1	<0.5	<0.5	<0.5	---	1	0	292	292	292	---
Carbonate as CO3	mg/L			<5	<5	1	1	<5	<5	<5	---	1	1	<5	<5	<5	---
Chloride	mg/L		250	2	19	1	0	2	2	2	---	1	0	19	19	19	---
Fluoride	mg/L	4	2	<0.1	0.2	1	1	<0.1	<0.1	<0.1	---	1	0	0.2	0.2	0.2	---
Magnesium, Dissolved	mg/L			<0.5	149	1	1	<0.5	<0.5	<0.5	---	1	0	149	149	149	---
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	1	1	<0.1	<0.1	<0.1	---	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	1	1	<0.1	<0.1	<0.1	---	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	1	1	<0.1	<0.1	<0.1	---	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			<0.5	20.1	1	1	<0.5	<0.5	<0.5	---	1	0	20.1	20.1	20.1	---
Silica	mg/L			<0.5	8	1	1	<0.5	<0.5	<0.5	---	1	0	8	8	8	---
Sodium, Dissolved	mg/L			12 d	185 d	1	0	12	12	12	---	1	0	185 d	185 d	185 d	---
Sulfate, Total	mg/L		250	39	1460 d	1	0	39	39	39	---	1	0	1460 d	1460 d	1460 d	---
Metals, Dissolved																	
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	1	1	<0.1	<0.1	<0.1	---	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	1	1	<0.001	<0.001	<0.001	---	1	1	<0.001	<0.001	<0.001	---
Barium, Dissolved	mg/L	2		<0.1	<0.1	1	1	<0.1	<0.1	<0.1	---	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			<0.1	<0.1	1	1	<0.1	<0.1	<0.1	---	1	1	<0.1	<0.1	<0.1	---
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	1	1	<0.005	<0.005	<0.005	---	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	1	1	<0.05	<0.05	<0.05	---	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	<0.01	1	1	<0.01	<0.01	<0.01	---	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	6.64	1	1	<0.03	<0.03	<0.03	---	1	0	6.64	6.64	6.64	---
Lead, Dissolved	mg/L			<0.001	<0.001	1	1	<0.001	<0.001	<0.001	---	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	<0.01	0.13	1	1	<0.01	<0.01	<0.01	---	1	0	0.13	0.13	0.13	---
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	1	1	<0.001	<0.001	<0.001	---	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	<0.1	1	1	<0.1	<0.1	<0.1	---	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	<0.05	1	1	<0.05	<0.05	<0.05	---	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		<0.001	0.002	1	1	<0.001	<0.001	<0.001	---	1	0	0.002	0.002	0.002	---
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	1	1	<0.005	<0.005	<0.005	---	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	<0.005	1	1	<0.005	<0.005	<0.005	---	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		<0.0003	0.0164	1	1	<0.0003	<0.0003	<0.0003	---	1	0	0.0164	0.0164	0.0164	---
Vanadium, Dissolved	mg/L			<0.1	<0.1	1	1	<0.1	<0.1	<0.1	---	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	0.01	1	1	<0.01	<0.01	<0.01	---	1	0	0.01	0.01	0.01	---
Radionuclides, Dissolved																	
Gross Alpha, Dissolved	pCi/L	15		2.5	66.5	1	0	2.5	2.5	2.5	---	1	0	66.5	66.5	66.5	---
Gross Beta, Dissolved	pCi/L			0 j	28.5	1	0	0	0	0	---	1	0	28.5	28.5	28.5	---
Gross Gamma, Dissolved	pCi/L			<20	90	1	1	<20	<20	<20	---	1	0	90	90	90	---
Lead 210, Dissolved	pCi/L			3.9	0.3 j	1	0	3.9	3.9	3.9	---	1	0	0.3 j	0.3 j	0.3 j	---
Polonium 210, Dissolved	pCi/L			0.7 j	0.6 j	1	0	0.7	0.7	0.7	---	1	0	0.6 j	0.6 j	0.6 j	---
Radium 226, Dissolved	pCi/L	5		-0.12 j	2.3	1	0	-0.12	0	-0.12	---	1	0	2.3	2.3	2.3	---
Thorium 230, Dissolved	pCi/L			0.2	1.8	1	0	0.2	0.2	0.2	---	1	0	1.8	1.8	1.8	---
Radionuclides, Total																	
Radon 222, Total	pCi/L			218	948	1	0	218	218	218	---	1	0	948	948	948	---
Data Quality Parameters																	
A/C Balance (± 5)	%			-33.6	-0.798	1	0	-33.6	0	-33.6	---	1	0	-0.798	-0.798	-0.798	---
Anions	meq/l			1.1	35.9	1	0	1.1	1.1	1.1	---	1	0	35.9	35.9	35.9	---
Cations	meq/l			0.547	35.4	1	0	0.547	0.547	0.547	---	1	0	35.4	35.4	35.4	---
Solids, Total Dissolved Calculated	mg/L			61	2280	1	0	61	61	61	---	1	0	2280	2280	2280	---
TDS Balance (0.80 - 1.20)	dec. %			1.51	1.07	1	0	1.51	1.51	1.51	---	1	0	1.07	1.07	1.07	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				615	615	615	615	615	615	615	615
Month Sampled				Apr-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				4/1/2008 2:34:00 PM	4/21/2008 4:16:00 PM	5/28/2008 7:20:00 PM	6/25/2008 1:55:00 PM	7/14/2008 11:50:00 AM	8/20/2008 1:26:00 PM	9/22/2008 4:30:00 PM	10/20/2008 4:20:00 PM
Lab ID				R08040028 -001	R08040250 -004	R08050406 -005	R08060452 -002	R08070244 -002	R08080332 -004	R08090314 -005	R08100295 -010
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Field Parameters											
Field Conductivity	umhos/cm			925	1066	1039	1088	1089	998	997	1120
Field Dissolved Oxygen	mg/L			0.24	0.27	0.15	0.09	0.11	NM	0.73	NM
Field pH	s.u.		6.5-8.5	7.22	7.22	7.19	7.01	7.09	6.39	7.16	7.14
Field Temperature	Deg C			14.95	14.99	14.99	15.13	15.21	15.16	14.98	14.8
Field Turbidity	NTUs			-0.2	3.8	0.1	0	4.6	4.2	3.9	NM
Water Level Elevation	ft AMSL			3691.03	3690.99	3690.47	3690.06	3689.69	3689.74	3689.57	3689.41
Physical Properties											
Conductivity @ 25 C	umhos/cm			1050	1040	1050	1110	1090	1250	1010	1100
Oxidation-Reduction Potential	mV			210	300	200	140	130	330	240	250
pH, Laboratory	s.u.		6.5-8.5	7.36	7.43	7.16	7.48	7.29	8.03	7.49	7.77
Sodium Adsorption Ratio (SAR)	unitless			3.4	3.5	3.4	3.4	3.8	3.5	3.5	3.6
Solids, Total Dissolved TDS @ 180 C	mg/L		500	670	750	710	680	710	740	670	720
Major Ions											
Alkalinity, Total as CaCO3	mg/L			136	136	138	138	138	142	138	136
Bicarbonate as HCO3	mg/L			166	166	168	168	168	173	168	166
Calcium, Dissolved	mg/L			70.9	73	79.2	71.8	71.8	78	75.3	71
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	6	4	5	5	5	5	5	5
Fluoride	mg/L	4	2	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.5
Magnesium, Dissolved	mg/L			21.7	22.9	23.2	21.6	21.7	22.7	21.8	20.7
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			8.7	8.7	9	8.7	11.7	9.1	8.9	8.7
Silica	mg/L			7.6	7.8	4.4	4	2	4.1	9.1	8.7
Sodium, Dissolved	mg/L			127	132	134 d	127 d	142	138 d	136	133 d
Sulfate, Total	mg/L		250	378 d	371	399 d	369	430 d	401 d	421 d	414 d
Metals, Dissolved											
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.02	0.02	0.013	0.016	0.018	0.018	0.02	0.012
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.7	0.79	0.1	0.42	0.54	0.73	0.95	0.1
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.06
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0026	0.0025	0.0024	0.0024	0.0025	0.0023	0.0026	0.0023
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated											
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended											
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.0032
Metals, Total											
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.024	0.024	0.024	0.024	0.023	0.021	0.022	0.024
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	0.1	<0.1	0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	1.35	1.35	1.4	1.5	1.52	1.32	1.4	1.34
Lead, Total	mg/L			0.002	<0.001	<0.001	0.013 d	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	<0.002	0.003 d	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.0026	0.0025	0.0025	0.0023	0.0025	0.0023	0.0023	0.0026

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				615	615	615	615	615	615	615	615
Month Sampled				Apr-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				4/1/2008 2:34:00 PM	4/21/2008 4:16:00 PM	5/28/2008 7:20:00 PM	6/25/2008 1:55:00 PM	7/14/2008 11:50:00 AM	8/20/2008 1:26:00 PM	9/22/2008 4:30:00 PM	10/20/2008 4:20:00 PM
Lab ID				R08040028 -001	R08040250 -004	R08050406 -005	R08060452 -002	R08070244 -002	R08080332 -004	R08090314 -005	R08100295 -010
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Zinc, Total	mg/L		5	0.02	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01
Radionuclides, Dissolved											
Gross Alpha, Dissolved	pCi/L	15		18.2	15.1	15.3	38.3	15.3	17.3	21.5	20.9
Gross Beta, Dissolved	pCi/L			11.6	12.1	3.7	12.6	7	9.6	9.9	12
Gross Gamma, Dissolved	pCi/L			0 j	0 j	170	0 j	0 j	0 j	0 j	1100
Lead 210, Dissolved	pCi/L			-2.5 j	0 j	3.8 j	1.1 j	-0.8 j	4.6 j	-1 j	-1 j
Polonium 210, Dissolved	pCi/L			0.6 j	0.9 j	-0.1 j	0.5 j	0 j	0 j	0.9 j	0.1 j
Radium 226, Dissolved	pCi/L	5		1.8	2	2	7.2	1.2	1.8	2	2.7
Thorium 230, Dissolved	pCi/L			0.2	0 j	0 j	0 j	0 j	0.1 j	<0.2	0.1 j
Radionuclides, Suspended											
Lead 210, Suspended	pCi/L			27.1	-3.2 j	1.5 j	3.5 j	-2 j	-6 j	-0.2 j	-3 j
Polonium 210, Suspended	pCi/L			0.4 j	0.4 j	0 j	0 j	0 j	0 j	-0.04 j	0 j
Radium 226, Suspended	pCi/L	5		0.3	-0.2 j	0.2 j	-0.4 j	-0.4 j	-0.4 j	-0.06 j	-0.1 j
Thorium 230, Suspended	pCi/L			0.9	0.1 j	0.1 j	0.1 j	0.1 j	0.2 j	0.7	-0.2 j
Radionuclides, Total											
Radon 222, Total	pCi/L			1490	1180	1070	1830	1420	1880	1500	1890
Data Quality Parameters											
A/C Balance (± 5)	%			1.45	4.26	3	2.39	-0.04	2.92	0.17	-1.01
Anions	meq/l			10.8	10.6	11.2	10.6	11.9	11.4	11.7	11.5
Cations	meq/l			11.1	11.5	11.9	11.1	11.9	12	11.7	11.3
Solids, Total Dissolved Calculated	mg/L			715	715	745	696	771	751	776	758
TDS Balance (0.80 - 1.20)	dec. %			0.94	1.05	0.95	0.97	0.93	0.98	0.86	0.96

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				615	615	615	615	Summary Statistics for Hydro ID 615					
Month Sampled				Nov-08	Dec-08	Jan-08	Feb-08						
Date and Time Collected				11/18/2008 3:00:00 PM	12/17/2008 11:27:00 AM	1/20/2009 11:10:00 AM	2/24/2009 3:45:00 PM						
Lab ID				R08110211 -013	R08120255 -013	R09010301 -004	R09020293 -009						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1110	1180	1120	1090	12	0	925	1180	1069	68.935411
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	6	0	0.09	0.73	0.27	0.238642
Field pH	s.u.		6.5-8.5	7.12	7.23	7.18	7.29	12	0	6.39	7.29	7.10	0.2362715
Field Temperature	Deg C			15.4	12.7	14.4	15	12	0	12.7	15.4	14.81	0.7072798
Field Turbidity	NTUs			NM	NM	NM	NM	7	0	-0.2	4.6	2.34	2.2389411
Water Level Elevation	ft AMSL			3689.52	3689.92	3690.02	3690.42	12	0	3689.41	3691.03	3690.07	0.5491315
Physical Properties													
Conductivity @ 25 C	umhos/cm			973	965	1050	971	12	0	965	1250	1054.92	78.915903
Oxidation-Reduction Potential	mV			280	270	270	130	12	0	130	330	229.17	67.750657
pH, Laboratory	s.u.		6.5-8.5	8.04	7.34	7.19	7.23	12	0	7.16	8.04	7.48	0.3047639
Sodium Adsorption Ratio (SAR)	unitless			3.5	3.5	3.5	3.3	12	0	3.3	3.8	3.49	0.1240112
Solids, Total Dissolved TDS @ 180 C	mg/L		500	700	700	720	730	12	0	670	750	708.33	25.878504
Major Ions													
Alkalinity, Total as CaCO3	mg/L			138	140	138	138	12	0	136	142	138	1.7056057
Bicarbonate as HCO3	mg/L			168	171	168	168	12	0	166	173	168	2.0375267
Calcium, Dissolved	mg/L			77	72.2	70.3	69 d	12	0	69	79.2	73.29	3.2881214
Carbonate as CO3	mg/L			<5	<5	<5	<5	12	12	<5	<5	<5	<5
Chloride	mg/L		250	5	5	5	5	12	0	4	6	5	0.4264014
Fluoride	mg/L	4	2	0.5	0.5	0.6	0.6	12	0	0.4	0.6	0.53	0.0651339
Magnesium, Dissolved	mg/L			22.6	21.4	21	21	12	0	20.7	23.2	21.86	0.8140341
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	12	11	<0.1	0.06	0.05	0.0028868
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	12	12	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			8.9	8.7	9.8	8.4	12	0	8.4	11.7	9.11	0.8857029
Silica	mg/L			9.1	8.9	7.8	7.8	12	0	2	9.1	6.8	2.4525034
Sodium, Dissolved	mg/L			135 d	131 d	131	124	12	0	124	142	133	5.0362324
Sulfate, Total	mg/L		250	391 d	388 d	389 d	398 d	12	0	369	430	396	18.969473
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.012	0.011	0.014	0.012	12	0	0.011	0.02	0.0155	0.0035548
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	0.03	0.13	0.06	12	1	<0.03	0.95	0.38	0.3467411
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.06	0.07	0.07	0.07	12	0	0.06	0.08	0.07	0.0051493
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0026	0.0023	0.0027	0.0025	12	0	0.0023	0.0027	0.0025	0.0001357
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0009	<0.0003	<0.0003	12	11	<0.0003	0.0032	0.0004	0.0008768
Metals, Total													
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	12	11	<0.003	0.003	0.002	0.000433
Arsenic, Total	mg/L	0.01		0.022	0.023	0.024	0.022	12	0	0.021	0.024	0.023	0.0010836
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	0.1	<0.4	<0.1	12	9	<0.1	0.1	0.075	0.0452267
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	1.19	1.37	1.3 d	1.31	12	0	1.19	1.52	1.3625	0.0882275
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	12	10	<0.001	0.013	0.002	0.003595
Manganese, Total	mg/L		0.05	0.06	0.06	0.07	0.07	12	0	0.06	0.08	0.069	0.0051493
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	11	<0.001	0.003	0.00075	0.000723
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			1.3	1.3	1.5	1.3	12	0	1.3	1.5	1.375	0.0621582
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.0022	0.0023	0.0026	0.0024	12	0	0.0022	0.0026	0.0024	0.0001422

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				615	615	615	615	Summary Statistics for Hydro ID 615					
Month Sampled				Nov-08	Dec-08	Jan-08	Feb-08						
Date and Time Collected				11/18/2008 3:00:00 PM	12/17/2008 11:27:00 AM	1/20/2009 11:10:00 AM	2/24/2009 3:45:00 PM						
Lab ID				R08110211 -013	R08120255 -013	R09010301 -004	R09020293 -009						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	10	<0.01	0.02	0.0067	0.0044381
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		13.9	21.7	21.1	14.8	12	0	13.9	38.3	19.45	6.6153403
Gross Beta, Dissolved	pCi/L			4.2	12.8	10.4	10.5	12	0	3.7	12.8	9.7	3.1246818
Gross Gamma, Dissolved	pCi/L			960	960	32	1000	12	0	0	1100	351.833	485.95582
Lead 210, Dissolved	pCi/L			-0.2 j	2.2 j	1.2 j	0.9 j	12	0	-2.5	4.6	0.692	2.0690175
Polonium 210, Dissolved	pCi/L			0.1 j	0 j	-0.027 j	0.14 j	12	0	-0.1	0.9	0.259	0.3659067
Radium 226, Dissolved	pCi/L	5		1.9	2.1	1.8	2.3	12	0	1.2	7.2	2.4	1.5515388
Thorium 230, Dissolved	pCi/L			0.1 j	0.3 j	0 j	-0.002 j	12	1	<0.2	0.3	0.075	0.0966736
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			0.5 j	1.1 j	5.8 j	0.5 j	12	0	-6	27.1	2.133	8.4688019
Polonium 210, Suspended	pCi/L			0.097 j	0.1 j	0.14 j	0.15 j	12	0	-0.04	0.4	0.104	0.1518148
Radium 226, Suspended	pCi/L	5		0.04 j	-0.3 j	-0.2 j	0.06 j	12	0	-0.4	0.3	-0.122	0.2376335
Thorium 230, Suspended	pCi/L			-0.2 j	-0.1 j	0.1 j	0.07 j	12	0	-0.2	0.9	0.156	0.3293922
Radionuclides, Total													
Radon 222, Total	pCi/L			1800	1710	1630	1590	12	0	1070	1890	1582.5	265.71088
Data Quality Parameters													
A/C Balance (± 5)	%			3.16	1.01	0.66	-2.02	12	0	-2.02	4.26	1.33	1.8795718
Anions	meq/l			11.1	11	11	11.2	12	0	10.6	11.9	11.17	0.4075053
Cations	meq/l			11.8	11.3	11.2	10.8	12	0	10.8	12	11.47	0.3892495
Solids, Total Dissolved Calculated	mg/L			747	735	730	729	12	0	696	776	739	23.733367
TDS Balance (0.80 - 1.20)	dec. %			0.94	0.95	0.98	1	12	0	0.86	1.05	0.96	0.0452183

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				619	619	619	619	Summary Statistics for Hydro ID 619					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/27/2007 5:45:00 PM	11/12/2007 2:25:00 PM	3/24/2008 3:40:00 PM	6/17/2008 6:10:00 PM						
Lab ID				R07090385 -001	R07110146 -008	R08030253 -002	R08060335 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1351	1761	2120	2390	4	0	1351	2390	1905.5	450.59257
Field Dissolved Oxygen	mg/L			1.17	1.77	0.48	NM	3	0	0.48	1.77	1.14	0.645523
Field pH	s.u.		6.5-8.5	6.96	7.54	7	7.09	4	0	6.96	7.54	7.1475	0.2672546
Field Temperature	Deg C			NM	10.94	11.45	11.8	3	0	10.94	11.8	11.396667	0.4324735
Field Turbidity	NTUs			NM	28.9	2.1	2.2	3	0	2.1	28.9	11.066667	15.444201
Water Level Elevation	ft AMSL			3679.13	3679.19	NM	NM	2	0	3679.13	3679.19	3679.16	0.0424264
Physical Properties													
Conductivity @ 25 C	umhos/cm			2270	1860	2180	2390	4	0	1860	2390	2175	226.93611
Oxidation-Reduction Potential	mV			NM	25	-80.2	150	3	0	-80.2	150	31.6	115.24183
pH, Laboratory	s.u.		6.5-8.5	7.03	7.03	7.25	7.82	4	0	7.03	7.82	7.2825	0.3730393
Sodium Adsorption Ratio (SAR)	unitless			NM	1.2	1.1	1	3	0	1	1.2	1.1	0.1
Solids, Total Dissolved TDS @ 180 C	mg/L		500	2100	1900	2100	2000	4	0	1900	2100	2025	95.742711
Major Ions													
Alkalinity, Total as CaCO3	mg/L			140	98	116	116	4	0	98	140	117.5	17.233688
Bicarbonate as HCO3	mg/L			171	119	141	141	4	0	119	171	143	21.354157
Calcium, Dissolved	mg/L			304 d	263	343	375	4	0	263	375	321.25	48.486252
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	9	10	12	9	4	0	9	12	10	1.4142136
Fluoride	mg/L	4	2	0.2	0.2	0.3	0.3	4	0	0.2	0.3	0.25	0.057735
Magnesium, Dissolved	mg/L			106	96.4	125	129	4	0	96.4	129	114.1	15.488921
Nitrogen, Ammonia as N	mg/L			0.2	0.3	0.2	0.2	4	0	0.2	0.3	0.225	0.05
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			16.9	16.2	16.5	17.6	4	0	16.2	17.6	16.8	0.6055301
Silica	mg/L			7.5	6	8	4	4	0	4	8	6.375	1.7969882
Sodium, Dissolved	mg/L			80 d	86.1 d	90.3	90 d	4	0	80	90.3	86.6	4.7979162
Sulfate, Total	mg/L		250	1440 d	1180 d	1310 d	1230 d	4	0	1180	1440	1290	113.43133
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	<0.001	0.001	4	3	<0.001	0.001	0.000625	0.00025
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	0.08	<0.01	<0.01	0.01	4	2	<0.01	0.08	0.025	0.0367423
Iron, Dissolved	mg/L		0.3	1.95	4.39	3.22	3.03	4	0	1.95	4.39	3.1475	0.999479
Lead, Dissolved	mg/L			0.008	<0.001	<0.001	0.002	4	2	<0.001	0.008	0.00275	0.0035707
Manganese, Dissolved	mg/L		0.05	1.51	1.15	1.62	1.74	4	0	1.15	1.74	1.505	0.2546239
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.005	<0.001	4	4	<0.001	<0.005	<0.005	<0.005
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.002	0.0015	0.0015	0.0016	4	0	0.0015	0.002	0.00165	0.000238
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	0.11	0.07	0.03	0.03	4	0	0.03	0.11	0.06	0.0382971
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	0.002	0.002	2	0	0.002	0.002	0.002	0
Barium, Total	mg/L	2		NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	NM	<0.001	<0.005	2	2	<0.001	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	<0.01	0.01	2	1	<0.01	0.01	0.0075	0.0035355
Iron, Total	mg/L		0.3	NM	NM	11.9	13	2	0	11.9	13	12.45	0.7778175
Lead, Total	mg/L			NM	NM	0.005	0.002	2	0	0.002	0.005	0.0035	0.0021213
Manganese, Total	mg/L		0.05	NM	NM	1.82	1.65	2	0	1.65	1.82	1.735	0.1202082
Mercury, Total	mg/L	0.002		<0.0002	<0.001	<0.0001	<0.0002	4	4	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	<0.01	<0.1	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	5.2	5.4	2	0	5.2	5.4	5.3	0.1414214
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	NM	0.0018	0.0018	2	0	0.0018	0.0018	0.0018	0

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				619	619	619	619	Summary Statistics for Hydro ID 619					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/27/2007 5:45:00 PM	11/12/2007 2:25:00 PM	3/24/2008 3:40:00 PM	6/17/2008 6:10:00 PM						
Lab ID				R07090385 -001	R07110146 -008	R08030253 -002	R08060335 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	NM	NM	0.18 d	0.08	2	0	0.08	0.18	0.13	0.0707107
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		367	341	438	398	4	0	341	438	386	41.769207
Gross Beta, Dissolved	pCi/L			117	170	175	144	4	0	117	175	151.5	26.71454
Gross Gamma, Dissolved	pCi/L			120	4200	25	270	4	0	25	4200	1153.75	2033.3362
Lead 210, Dissolved	pCi/L			<1	<1	19 b	-1.1 j	4	2	<1	19	4.725	9.546509
Polonium 210, Dissolved	pCi/L			<1	<1	1.9	-0.1 j	4	2	<1	1.9	0.7	0.8485281
Radium 226, Dissolved	pCi/L	5		120	100	99.7	110	4	0	99.7	120	107.425	9.6534536
Thorium 230, Dissolved	pCi/L			0.5	<0.2	0 j	0 j	4	1	<0.2	0.5	0.15	0.2380476
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			<1	<1	11 b	2 j	4	2	<1	11	3.5	5.0497525
Polonium 210, Suspended	pCi/L			<1	<1	0.1 j	0.4 j	4	2	<1	0.4	0.375	0.1892969
Radium 226, Suspended	pCi/L	5		<0.2	3.5	11.4	8.8	4	1	<0.2	11.4	5.95	5.1006536
Thorium 230, Suspended	pCi/L			<0.2	0.2	0.2	0 j	4	1	<0.2	0.2	0.125	0.0957427
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		120	NM	NM	NM	1	0	120	120	120	---
Radon 222, Total	pCi/L				2990	5580	5770	3	0	2990	5770	4780	1553.0937
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-1.34	-2.56	3.41	9.08	4	0	-2.56	9.08	2.1475	5.2907679
Anions	meq/l			28.7	26.8	29.9	28.3	4	0	26.8	29.9	28.425	1.278997
Cations	meq/l			27.9	25.5	32	34	4	0	25.5	34	29.85	3.8544347
Solids, Total Dissolved Calculated	mg/L			1830	1720	1980	1940	4	0	1720	1980	1867.5	117.0114
TDS Balance (0.80 - 1.20)	dec. %			1.14	1.09	1.05	1.02	4	0	1.02	1.14	1.075	0.0519615

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				622	622	622	622	622	622	622	622
Month Sampled				Apr-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				4/1/2008 2:56:00 PM	4/21/2008 3:28:00 PM	5/28/2008 6:26:00 PM	6/25/2008 12:05:00 PM	7/14/2008 12:35:00 PM	8/20/2008 12:59:00 PM	9/22/2008 4:00:00 PM	10/20/2008 3:42:00 PM
Lab ID				R08040028 -003	R08040250 -003	R08050406 -004	R08060452 -001	R08070244 -001	R08080332 -003	R08090314 -004	R08100295 -006
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Field Parameters											
Field Conductivity	umhos/cm			1042	1348	1311	1388	1371	1252	1250	1400
Field Dissolved Oxygen	mg/L			NM	0.14	0.12	0.1	0.11	0.21	NM	NM
Field pH	s.u.		6.5-8.5	8.49	7.76	7.62	7.6	7.32	7.09	7.53	7.53
Field Temperature	Deg C			12.55	14.32	14.32	14.37	14.75	14.56	14.37	14.2
Field Turbidity	NTUs			6.2	70.9	30.8	1.3	5.1	4.7	NM	NM
Water Level Elevation	ft AMSL			3709.1	3709.52	3709.32	3709.14	3709.29	3709.01	3708.96	3708.74
Physical Properties											
Conductivity @ 25 C	umhos/cm			1260	1330	1220	1410	1290	1460	1270	1390
Oxidation-Reduction Potential	mV			200	340	200	240	110	210	200	200
pH, Laboratory	s.u.		6.5-8.5	8.15	7.85	7.52	7.95	7.68	7.84	7.78	7.95
Sodium Adsorption Ratio (SAR)	unitless			11	4.1	4.1	4	4.4	4.1	4.1	4.2
Solids, Total Dissolved TDS @ 180 C	mg/L		500	800	940	890	900	950	920	910	920
Major Ions											
Alkalinity, Total as CaCO3	mg/L			164	180	178	178	182	184	182	178
Bicarbonate as HCO3	mg/L			200	219	217	217	222	224	222	217
Calcium, Dissolved	mg/L			11.2	87.6	97.5	89.6	85.9	95.2	91.9	87.9
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	12	10	10	10	10	10	10	10
Fluoride	mg/L	4	2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4
Magnesium, Dissolved	mg/L			7.1	32	32.7	31.2	29.1	32.3	31.8	29.9
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	0.08	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			11.3	10.3	10.6	10.2	14.1	10.6	10.3	10.2
Silica	mg/L			1.2	7.5	4	3.9	1.9	3.9	8.9	8.4
Sodium, Dissolved	mg/L			179	175	182 d	174 d	185	183 d	180	179 d
Sulfate, Total	mg/L		250	470 d	487	493 d	481	478 d	504 d	528 d	510 d
Metals, Dissolved											
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	0.03	<0.03	<0.03	<0.03	<0.03	0.03	<0.03
Lead, Dissolved	mg/L			<0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.02	0.18	0.2	0.19	0.19	0.19	0.19	0.18
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	0.0054	0.0056	0.0051	0.0052	0.005	0.0055	0.0052
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated											
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended											
Uranium, Suspended	mg/L	0.03		<0.0003	0.0008	0.0005	<0.0003	<0.0003	<0.0003	<0.0003	0.0004
Metals, Total											
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.001	0.006	0.006	0.004	0.027	0.002	0.002	0.006 l
Barium, Total	mg/L	2		<0.1	<0.1	0.2	0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001
Boron, Total	mg/L			<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.96	7.34	10.7	5.17	0.91	1	1.18	1.21
Lead, Total	mg/L			0.004	0.026	0.023	0.03 d	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.02	0.23	0.25	0.22	0.19	0.19	0.19	0.18
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	0.002 d	<0.002	<0.001	<0.005	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			<0.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		<0.0003	0.0065	0.0068	0.0059	0.0054	0.005	0.005	0.0059

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				622	622	622	622	622	622	622	622
Month Sampled				Apr-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				4/1/2008 2:56:00 PM	4/21/2008 3:28:00 PM	5/28/2008 6:26:00 PM	6/25/2008 12:05:00 PM	7/14/2008 12:35:00 PM	8/20/2008 12:59:00 PM	9/22/2008 4:00:00 PM	10/20/2008 3:42:00 PM
Lab ID				R08040028 -003	R08040250 -003	R08050406 -004	R08060452 -001	R08070244 -001	R08080332 -003	R08090314 -004	R08100295 -006
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Zinc, Total	mg/L		5	0.03	0.22	0.25	0.13	<0.01	0.01	<0.01	<0.01
Radionuclides, Dissolved											
Gross Alpha, Dissolved	pCi/L	15		15	22.6	32.6	36.4	31.2	27.7	1470	29.3
Gross Beta, Dissolved	pCi/L			9.2	16.2	11.9	22.5	10	12.4	678	20
Gross Gamma, Dissolved	pCi/L			0 j	0 j	150	0 j	0 j	0 j	0 j	130
Lead 210, Dissolved	pCi/L			-3.5 j	-4.1 j	1.2 j	-2 j	2.6 j	0.1 j	-1 j	3.2 j
Polonium 210, Dissolved	pCi/L			0.8 j	1.1	-0.3 j	0.2 j	0.4 j	0.3 j	-0.1 j	0 j
Radium 226, Dissolved	pCi/L	5		2.3	2.7	3.2	4.1	2.9	4.4	3	2.7
Thorium 230, Dissolved	pCi/L			0.1 j	0 j	0 j	0 j	0 j	0 j	<0.2	0.1 j
Radionuclides, Suspended											
Lead 210, Suspended	pCi/L			0 j	0 j	-0.9 j	3.5 j	-1 j	-4 j	0.2 j	-1 j
Polonium 210, Suspended	pCi/L			0 j	2.8	2.5	1	2.8	0.2 j	0.39 j	0.3 j
Radium 226, Suspended	pCi/L	5		0.7	0.9	1	-0.2 j	-0.4 j	-0.2 j	-0.2 j	-0.2 j
Thorium 230, Suspended	pCi/L			0.2	0.1 j	0.1 j	0 j	0 j	-0.1 j	-0.1 j	0 j
Radionuclides, Total											
Radon 222, Total	pCi/L			501	1090	804	1950	824	1370	992	1360
Data Quality Parameters											
A/C Balance (± 5)	%			-18.5	3.01	5.53	3.53	4.15	3.93	1.2	1.37
Anions	meq/l			13.4	14	14.1	13.9	13.9	14.5	15	14.5
Cations	meq/l			9.23	14.9	15.8	14.9	15.1	15.7	15.3	14.9
Solids, Total Dissolved Calculated	mg/L			793	931	944	914	918	957	986	957
TDS Balance (0.80 - 1.20)	dec. %			1.01	1.01	0.95	0.99	1.03	0.96	0.92	0.96

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				622	622	622	622	Summary Statistics for Hydro ID 622					
Month Sampled				Nov-08	Dec-08	Jan-08	Feb-08						
Date and Time Collected				11/18/2008 2:30:00 PM	12/17/2008 2:20:00 PM	1/20/2009 10:51:00 AM	2/24/2009 3:31:00 PM						
Lab ID				R08110211 -014	R08120255 -008	R09010301 -002	R09020293 -008						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1390	1400	1390	1370	12	0	1042	1400	1326	104.25755
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	5	0	0.1	0.21	0.136	0.0439318
Field pH	s.u.		6.5-8.5	7.52	8.04	7.56	7.66	12	0	7.09	8.49	7.64	0.3502034
Field Temperature	Deg C			14.9	12.2	14.1	14.7	12	0	12.2	14.9	14.11	0.8473256
Field Turbidity	NTUs			NM	NM	NM	NM	6	0	1.3	70.9	19.83	27.215853
Water Level Elevation	ft AMSL			3708.61	3708.82	3708.74	3708.98	12	0	3708.61	3709.52	3709.02	0.2703351
Physical Properties													
Conductivity @ 25 C	umhos/cm			1180	1220	1310	1230	12	0	1180	1460	1297.5	86.036462
Oxidation-Reduction Potential	mV			280	250	270	130	12	0	110	340	219.167	63.023565
pH, Laboratory	s.u.		6.5-8.5	8.01	7.46	7.46	7.58	12	0	7.46	8.15	7.769	0.2290478
Sodium Adsorption Ratio (SAR)	unitless			4.1	4.4	4.1	3.9	12	0	3.9	11	4.708	1.9865266
Solids, Total Dissolved TDS @ 180 C	mg/L		500	890	880	900	900	12	0	800	950	900	37.658755
Major Ions													
Alkalinity, Total as CaCO3	mg/L			180	146	176	178	12	0	146	184	175.5	10.552897
Bicarbonate as HCO3	mg/L			219	178	215	217	12	0	178	224	213.92	12.816597
Calcium, Dissolved	mg/L			92.4	73	84.7	85 d	12	0	11.2	97.5	81.825	23.099316
Carbonate as CO3	mg/L			<5	<5	<5	<5	12	12	<5	<5	<5	<5
Chloride	mg/L		250	11	10	10	10	12	0	10	12	10.25	0.6215816
Fluoride	mg/L	4	2	0.4	0.3	0.6	0.5	12	0	0.3	0.6	0.43	0.0887625
Magnesium, Dissolved	mg/L			31.7	31.4	29.7	30.5	12	0	7.1	32.7	29.12	7.0215038
Nitrogen, Ammonia as N	mg/L			<0.1	0.1	<0.1	<0.1	12	11	<0.1	0.1	0.05	0.0144338
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	12	11	<0.1	0.08	0.0525	0.0086603
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	12	12	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			10.5	10.4	12.2	10.8	12	0	10.2	14.1	10.96	1.1421338
Silica	mg/L			8.5	5.8	7.4	7.3	12	0	1.2	8.9	5.725	2.6649663
Sodium, Dissolved	mg/L			180 d	178 d	173	167	12	0	167	185	177.92	4.96274
Sulfate, Total	mg/L		250	480 d	476 d	499 d	495 d	12	0	470	528	491.75	16.646731
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	<0.001	<0.001	12	10	<0.001	0.001	0.00	0.0001946
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	0.09	<0.03	<0.03	12	9	<0.03	0.09	0.02375	0.0216506
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	10	<0.001	0.001	0.00	0.0001946
Manganese, Dissolved	mg/L		0.05	0.17	0.28	0.17	0.18	12	0	0.02	0.28	0.18	0.0576562
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0055	<0.0003	0.0029	0.0053	12	2	<0.0003	0.0056	0.00425	0.0020428
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	11	<0.01	0.01	0.01	0.0014434
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0009	0.0003	<0.0003	12	8	<0.0003	0.0008	0.000	0.0002087
Metals, Total													
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	12	12	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.002	0.001	0.003 d	0.004 l	12	0	0.001	0.027	0.005	0.0070754
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	10	<0.1	0.2	0.067	0.0443813
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.002	<0.002	<0.002
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.2	12	11	<0.1	0.1	0.058	0.0194625
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.95	11	4.06	1.4	12	0	0.91	11	3.823	3.8803967
Lead, Total	mg/L			<0.001	0.005	0.008	0.002	12	5	<0.001	0.03	0.008375	0.0111745
Manganese, Total	mg/L		0.05	0.18	0.27	0.19	0.2 d	12	0	0.02	0.27	0.1925	0.061515
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.002	<0.001	12	11	<0.001	0.002	0.000875	0.0006784
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			1.5	1.1	1.6	1.6	12	1	<0.1	1.6	1.421	0.4550017
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.0051	<0.0003	0.0056	0.0051	12	2	<0.0003	0.0068	0.005	0.0022101

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				622	622	622	622	Summary Statistics for Hydro ID 622					
Month Sampled				Nov-08	Dec-08	Jan-08	Feb-08						
Date and Time Collected				11/18/2008 2:30:00 PM	12/17/2008 2:20:00 PM	1/20/2009 10:51:00 AM	2/24/2009 3:31:00 PM						
Lab ID				R08110211 -014	R08120255 -008	R09010301 -002	R09020293 -008						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	<0.01	0.08	0.01	12	5	<0.01	0.25	0.063	0.0894035
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		32.6	6.8	36.4	44.3	12	0	6.8	1470	148.742	416.2091
Gross Beta, Dissolved	pCi/L			17.6	9.6	16	19.7	12	0	9.2	678	70.258	191.44045
Gross Gamma, Dissolved	pCi/L			910	0 j	160	0 j	12	0	0	910	112.5	259.58446
Lead 210, Dissolved	pCi/L			-2 j	2.5 j	0.3 j	0.7 j	12	0	-4.1	3.2	-0.167	2.3932987
Polonium 210, Dissolved	pCi/L			0.1 j	0 j	0.063 j	0.16 j	12	0	-0.3	1.1	0.227	0.3886661
Radium 226, Dissolved	pCi/L	5		2.9	1.3	2.9	7.9	12	0	1.3	7.9	3.358	1.6312061
Thorium 230, Dissolved	pCi/L			0.1 j	0.1 j	0 j	-0.01 j	12	1	<0.2	0.1	0.041	0.052303
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			0 j	3.1 j	8.1 j	0.1 j	12	0	-4	8.1	0.675	3.0280882
Polonium 210, Suspended	pCi/L			0.24 j	0 j	0.77	0.3 j	12	0	0	2.8	0.942	1.100073
Radium 226, Suspended	pCi/L	5		-0.1 j	0.8	0.2 j	0.5	12	0	-0.4	1	0.233	0.5140452
Thorium 230, Suspended	pCi/L			0.1 j	-0.2 j	0.1 j	-0.09 j	12	0	-0.2	0.2	0.009	0.1156372
Radionuclides, Total													
Radon 222, Total	pCi/L			1280	50.2 j	1180	1360	12	0	50.2	1950	1063.433	485.21706
Data Quality Parameters													
A/C Balance (± 5)	%			4.85	4.09	1.07	0.62	12	0	-18.5	5.53	1.24	6.42254
Anions	meq/l			13.9	13.1	14.2	14.2	12	0	13.1	15	14.06	0.4999242
Cations	meq/l			15.4	14.3	14.5	14.3	12	0	9.23	15.8	14.53	1.7389606
Solids, Total Dissolved Calculated	mg/L			938	883	934	925	12	0	793	986	923.33	48.374173
TDS Balance (0.80 - 1.20)	dec. %			0.95	0.99	0.97	0.97	12	0	0.92	1.03	0.98	0.0311764

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				628	628	628	628	Summary Statistics for Hydro ID 628					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 9:23:00 AM	11/14/2007 10:59:00 AM	2/20/2008 6:30:00 PM	5/29/2008 3:02:00 PM						
Lab ID				R07100002 -001	R07110184 -001	R08020220 -005	R08050419 -004						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1713	1302	1405	1502	4	0	1302	1713	1480.5	175.19608
Field Dissolved Oxygen	mg/L			NM	NM	NM	0.07	1	0	0.07	0.07	0.07	---
Field pH	s.u.		6.5-8.5	8.65	8.16	7.94	8.24	4	0	7.94	8.65	8.2475	0.2968024
Field Temperature	Deg C			NM	13.32	15.56	15.78	3	0	13.32	15.78	14.886667	1.3612249
Field Turbidity	NTUs			NM	3.7	NM	-0.1	2	0	-0.1	3.7	1.8	2.6870058
Water Level Elevation	ft AMSL			3695.72	3694.86	3696.07	3695.87	4	0	3694.86	3696.07	3695.63	0.532979
Physical Properties													
Conductivity @ 25 C	umhos/cm			2490	1800	1510	1640	4	0	1510	2490	1860	436.42487
Oxidation-Reduction Potential	mV			NM	96	110	180	3	0	96	180	128.66667	45.003704
pH, Laboratory	s.u.		6.5-8.5	8.66	7.77	8.32	8.21	4	0	7.77	8.66	8.24	0.367242
Sodium Adsorption Ratio (SAR)	unitless			NM	7.6	9.2	10	3	0	7.6	10	8.9333333	1.2220202
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1800	1300	920	980	4	0	920	1800	1250	402.82337
Major Ions													
Alkalinity, Total as CaCO3	mg/L			134	160	162	160	4	0	134	162	154	13.366625
Bicarbonate as HCO3	mg/L			154	195	193	195	4	0	154	195	184.25	20.188693
Calcium, Dissolved	mg/L			24 d	43.2	50	40.1	4	0	24	50	39.325	11.021608
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	82	35	29	42 d	4	0	29	82	47	23.930455
Fluoride	mg/L	4	2	0.5	0.4	0.4	0.5	4	0	0.4	0.5	0.45	0.057735
Magnesium, Dissolved	mg/L			11.4	16.9	20.6	17.5	4	0	11.4	20.6	16.6	3.8270964
Nitrogen, Ammonia as N	mg/L			0.6	0.2	0.2	0.2	4	0	0.2	0.6	0.3	0.2
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			8.8	8.5	9.3	8.2	4	0	8.2	9.3	8.7	0.4690416
Silica	mg/L			4.5	7.2	5	4	4	0	4	7.2	5.175	1.4103782
Sodium, Dissolved	mg/L			435 d	233 d	306 d	307 d	4	0	233	435	320.25	83.981645
Sulfate, Total	mg/L		250	1030 d	635 d	651	515 d	4	0	515	1030	707.75	223.24183
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	<0.001	0.001	0.001	4	1	<0.001	0.001	0.000875	0.00025
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.4	<0.1	0.2	0.2	4	1	<0.1	0.4	0.2125	0.1436141
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.11	<0.03	<0.03	<0.03	4	3	<0.03	0.11	0.03875	0.0475
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.06	0.15	0.09	0.08	4	0	0.06	0.15	0.095	0.0387298
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.002	<0.001	<0.001	<0.001	4	3	<0.001	0.002	0.000875	0.00075
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0017	0.0034	0.003	0.0027	4	0	0.0017	0.0034	0.0027	0.0007257
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	0.01	<0.01	<0.01	<0.01	4	3	<0.01	0.01	0.00625	0.0025
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	0.001	0.004 d	2	0	0.001	0.004	0.0025	0.0021213
Barium, Total	mg/L	2		NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	<0.1	0.1	2	1	<0.1	0.1	0.075	0.0353553
Cadmium, Total	mg/L	0.005		NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	0.7	0.66	2	0	0.66	0.7	0.68	0.0282843
Lead, Total	mg/L			NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	0.09	0.08	2	0	0.08	0.09	0.085	0.0070711
Mercury, Total	mg/L	0.002		<0.0002	<0.001	<0.001	<0.0001	4	4	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	<0.01	<0.1	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	0.9	0.9	2	0	0.9	0.9	0.9	0
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	NM	0.0031	0.0029	2	0	0.0029	0.0031	0.003	0.0001414

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				628	628	628	628	Summary Statistics for Hydro ID 628					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 9:23:00 AM	11/14/2007 10:59:00 AM	2/20/2008 6:30:00 PM	5/29/2008 3:02:00 PM						
Lab ID				R07100002 -001	R07110184 -001	R08020220 -005	R08050419 -004						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		29.9	83.9	64.5	39	4	0	29.9	83.9	54.325	24.560453
Gross Beta, Dissolved	pCi/L			14	47.1	19	11.4	4	0	11.4	47.1	22.875	16.455065
Gross Gamma, Dissolved	pCi/L			<20	1100	440	260	4	1	<20	1100	452.5	466.28854
Lead 210, Dissolved	pCi/L			<1	<1	14	0.1 j	4	2	<1	14	3.775	6.8192742
Polonium 210, Dissolved	pCi/L			<1	2.7	1.3	-0.5 j	4	1	<1	2.7	1	1.3515423
Radium 226, Dissolved	pCi/L	5		7.4	20.7	9	6.1	4	0	6.1	20.7	10.8	6.705719
Thorium 230, Dissolved	pCi/L			<0.2	<0.2	<0.2	0 j	4	3	<0.2	0	0.075	0.05
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			<1	<1	1.2	0.5 j	4	2	<1	1.2	0.675	0.35
Polonium 210, Suspended	pCi/L			6.4	<1	<1	0.1 j	4	2	<1	6.4	1.875	3.0225541
Radium 226, Suspended	pCi/L	5		<0.2	0.3	1.7	-0.3 j	4	1	<0.2	1.7	0.45	0.8698659
Thorium 230, Suspended	pCi/L			<0.2	0.3	<0.2	0.1 j	4	2	<0.2	0.3	0.15	0.1
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			6.4	NM	NM	NM	1	0	6.4	6.4	6.4	---
Radium 226, Total	pCi/L	5		6.8	NM	NM	NM	1	0	6.8	6.8	6.8	---
Radon 222, Total	pCi/L			NM	2740	4360	5040	3	0	2740	5040	4046.6667	1181.5809
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-4.9	-1.74	0.362	5.86	4	0	-4.9	5.86	-0.1045	4.5263879
Anions	meq/l			23.5	14.4	17.6	15.2	4	0	14.4	23.5	17.675	4.1145069
Cations	meq/l			21.3	13.9	17.8	17	4	0	13.9	21.3	17.5	3.0408332
Solids, Total Dissolved Calculated	mg/L			1530	923	1180	1040	4	0	923	1530	1168.25	263.05687
TDS Balance (0.80 - 1.20)	dec. %			1.15	1.44	0.78	0.95	4	0	0.78	1.44	1.08	0.2836665

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				631	631	631	631	Summary Statistics for Hydro ID 631					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/26/2007 4:40:00 PM	11/14/2007 3:20:00 PM	2/20/2008 1:55:00 PM	5/19/2008 11:06:00 AM						
Lab ID				R07090384 -004	R07110184 -004	R08020220 -003	R08050251 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1471	2279	2234	2322	4	0	1471	2322	2076.5	405.26247
Field Dissolved Oxygen	mg/L			7.09	1.67	0.05	0.12	4	0	0.05	7.09	2.2325	3.323536
Field pH	s.u.		6.5-8.5	7.7	NM	7.21	7.23	3	0	7.21	7.7	7.38	0.2773085
Field Temperature	Deg C			NM	11.54	11.29	11.82	3	0	11.29	11.82	11.55	0.2651415
Field Turbidity	NTUs			NM	0.6	0.1	0	3	0	0	0.6	0.2333333	0.321455
Water Level Elevation	ft AMSL			3715.79	3715.85	3715.68	3713.64	4	0	3713.64	3715.85	3715.24	1.0689871
Physical Properties													
Conductivity @ 25 C	umhos/cm			2180	2170	2420	2530	4	0	2170	2530	2325	178.97858
Oxidation-Reduction Potential	mV			NM	<0	180	230	3	1	<0	230	136.66667	120.96832
pH, Laboratory	s.u.		6.5-8.5	7.76	7.23	7.6	7.54	4	0	7.23	7.76	7.5325	0.2220173
Sodium Adsorption Ratio (SAR)	unitless			NM	1.2	0.99	1.2	3	0	0.99	1.2	1.13	0.1212436
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1900	2000	2000	2000	4	0	1900	2000	1975	50
Major Ions													
Alkalinity, Total as CaCO3	mg/L			168	160	158	164	4	0	158	168	162.5	4.4347116
Bicarbonate as HCO3	mg/L			205	195	193	200	4	0	193	205	198.25	5.3774219
Calcium, Dissolved	mg/L			268	307 d	324 d	375	4	0	268	375	318.5	44.365903
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	10	10	8	10	4	0	8	10	9.5	1
Fluoride	mg/L	4	2	0.3	0.3	0.2	0.5	4	0	0.2	0.5	0.325	0.1258306
Magnesium, Dissolved	mg/L			82.9	89.3	82.6	110	4	0	82.6	110	91.2	12.908653
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			15.9	15.7	15.7	16.3	4	0	15.7	16.3	15.9	0.2828427
Silica	mg/L			7.2	7.8	6.9	3.5	4	0	3.5	7.8	6.35	1.9364917
Sodium, Dissolved	mg/L			92.4 d	92.9 d	77.1 d	107 d	4	0	77.1	107	92.35	12.213244
Sulfate, Total	mg/L		250	1240 d	1220 d	1250 d	1250 d	4	0	1220	1250	1240	14.142136
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	<0.001	<0.001	<0.001	4	3	<0.001	0.001	0.000625	0.00025
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.2	<0.1	0.1	0.2	4	1	<0.1	0.2	0.1375	0.075
Cadmium, Dissolved	mg/L	0.005		<0.01	<0.005	<0.005	<0.005	4	4	<0.005	<0.01	<0.01	<0.01
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	0.84	0.57	0.39	4	1	<0.03	0.84	0.45375	0.3460582
Lead, Dissolved	mg/L			<0.05	<0.001	<0.001	<0.001	4	4	<0.001	<0.05	<0.05	<0.05
Manganese, Dissolved	mg/L		0.05	0.28	0.29	0.3	0.33	4	0	0.28	0.33	0.3	0.0216025
Mercury, Dissolved	mg/L	0.002		<0.0002	<0.001	<0.001	<0.001	4	4	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.002	<0.001	<0.001	<0.005	4	3	<0.001	0.002	0.001375	0.0010308
Silver, Dissolved	mg/L		0.1	<0.01	<0.005	<0.005	<0.005	4	4	<0.005	<0.01	<0.01	<0.01
Thorium 232, Dissolved	mg/L			<0.001	<0.005	<0.005	<0.005	4	4	<0.001	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0027	0.0029	0.0027	0.0026	4	0	0.0026	0.0029	0.002725	0.0001258
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	<0.001	0.002	2	1	<0.001	0.002	0.00125	0.0010607
Barium, Total	mg/L	2		NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	0.1	0.2	2	0	0.1	0.2	0.15	0.0707107
Cadmium, Total	mg/L	0.005		NM	NM	<0.005	<0.001	2	2	<0.001	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	1.06	0.98	2	0	0.98	1.06	1.02	0.0565685
Lead, Total	mg/L			NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	0.28	0.32	2	0	0.28	0.32	0.3	0.0282843
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.0001	4	4	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	0.002	<0.001	2	1	<0.001	0.002	0.00125	0.0010607
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	5.6	6.8	2	0	5.6	6.8	6.2	0.8485281
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.003	NM	0.0026	0.0028	3	0	0.0026	0.003	0.0028	0.0002

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				631	631	631	631	Summary Statistics for Hydro ID 631					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/26/2007 4:40:00 PM	11/14/2007 3:20:00 PM	2/20/2008 1:55:00 PM	5/19/2008 11:06:00 AM						
Lab ID				R07090384 -004	R07110184 -004	R08020220 -003	R08050251 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	NM	NM	<0.01	0.01	2	1	<0.01	0.01	0.0075	0.0035355
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		51	46.5	162	60.7	4	0	46.5	162	80.05	54.953708
Gross Beta, Dissolved	pCi/L			20.9	29.4	52.1	26.2	4	0	20.9	52.1	32.15	13.754151
Gross Gamma, Dissolved	pCi/L			520	1900	510	130	4	0	130	1900	765	778.13881
Lead 210, Dissolved	pCi/L			<1	<1	6.1	0.5 j	4	2	<1	6.1	1.9	2.8
Polonium 210, Dissolved	pCi/L			<1	3.5	<1	0.2 j	4	2	<1	3.5	1.175	1.5564382
Radium 226, Dissolved	pCi/L	5		12.9	9.5	19.4	22.1	4	0	9.5	22.1	15.975	5.7915887
Thorium 230, Dissolved	pCi/L			<0.2	<0.2	<0.2	0.1 j	4	3	<0.2	0.1	0.1	0
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			<1	<1	7.5	-1.4 j	4	2	<1	7.5	1.775	3.9203529
Polonium 210, Suspended	pCi/L			<1	<1	<1	0.1 j	4	3	<1	0.1	0.4	0.2
Radium 226, Suspended	pCi/L	5		2.3	<0.2	<0.9	-0.3 j	4	2	<0.2	2.3	0.6375	1.1499094
Thorium 230, Suspended	pCi/L			<0.2	<0.2	0.6	0 j	4	2	<0.2	0.6	0.2	0.2708013
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		15.2	NM	NM	NM	1	0	15.2	15.2	15.2	---
Radon 222, Total	pCi/L			NM	4220	3920	4430	3	0	3920	4430	4190	256.32011
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-4.28	-3.03	-4.87	5.08	4	0	-4.87	5.08	-1.775	4.6339364
Anions	meq/l			26.9	28.9	29.5	29.7	4	0	26.9	29.7	28.75	1.2793227
Cations	meq/l			24.7	27.2	26.8	32.8	4	0	24.7	32.8	27.875	3.4615748
Solids, Total Dissolved Calculated	mg/L			1690	1830	1880	1980	4	0	1690	1980	1845	120.69245
TDS Balance (0.80 - 1.20)	dec. %			1.11	1.09	1.05	1.02	4	0	1.02	1.11	1.0675	0.0403113

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				650	650	650	650	Summary Statistics for Hydro ID 650					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 7:00:00 PM	11/12/2007 3:30:00 PM	3/24/2008 9:00:00 AM	5/30/2008 4:30:00 PM						
Lab ID				R07100002 -010	R07110146 -009	R08030253 -001	R08050427 -004						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1669	1951	1553	1452	4	0	1452	1951	1656.25	215.57578
Field Dissolved Oxygen	mg/L			NM	1.35	2.42	NM	2	0	1.35	2.42	1.885	0.7566043
Field pH	s.u.		6.5-8.5	7.67	7.3	7.79	7.39	4	0	7.3	7.79	7.5375	0.2305609
Field Temperature	Deg C			11.9	11.79	11.7	12.64	4	0	11.7	12.64	12.0075	0.4295249
Field Turbidity	NTUs			NM	40.9	18	29	3	0	18	40.9	29.3	11.452947
Water Level Elevation	ft AMSL			3682.35	3682.35	3681.92	3682	4	0	3681.92	3682.35	3682.155	0.2275229
Physical Properties													
Conductivity @ 25 C	umhos/cm			2260	1770	1540	1700	4	0	1540	2260	1817.5	310.30899
Oxidation-Reduction Potential	mV			NM	190	120	200	3	0	120	200	170	43.588989
pH, Laboratory	s.u.		6.5-8.5	7.04	7.22	7.4	7.3	4	0	7.04	7.4	7.24	0.1523155
Sodium Adsorption Ratio (SAR)	unitless			NM	1.9	2.3	2.1	3	0	1.9	2.3	2.1	0.2
Solids, Total Dissolved TDS @ 180 C	mg/L		500	2000	1600	1300	1400	4	0	1300	2000	1575	309.56959
Major Ions													
Alkalinity, Total as CaCO3	mg/L			116	108	30	30	4	0	30	116	71	47.455242
Bicarbonate as HCO3	mg/L			141	132	37	37	4	0	37	141	86.75	57.563733
Calcium, Dissolved	mg/L			219 d	221	101	125	4	0	101	221	166.5	62.553977
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	17	16	19	16	4	0	16	19	17	1.4142136
Fluoride	mg/L	4	2	<0.1	<0.1	0.1	0.1	4	2	<0.1	0.1	0.075	0.0288675
Magnesium, Dissolved	mg/L			85.2	100	62.3	70.6	4	0	62.3	100	79.525	16.611116
Nitrogen, Ammonia as N	mg/L			0.6	0.6	0.4	0.4	4	0	0.4	0.6	0.5	0.1154701
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			17.6	18.1	14.5	15.6	4	0	14.5	18.1	16.45	1.6901676
Silica	mg/L			2.7	1.1	0.9	<0.5	4	1	<0.5	2.7	1.2375	1.0403325
Sodium, Dissolved	mg/L			110 d	139 d	121	119 d	4	0	110	139	122.25	12.148388
Sulfate, Total	mg/L		250	1320 d	1000 d	801 d	825 d	4	0	801	1320	986.5	239.3721
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	0.6	<0.1	<0.1	<0.1	4	3	<0.1	0.6	0.1875	0.275
Arsenic, Dissolved	mg/L	0.01		0.002	<0.001	<0.001	<0.001	4	3	<0.001	0.002	0.000875	0.00075
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	0.1	0.1	4	2	<0.1	0.1	0.075	0.0288675
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	13.2	0.68	0.06	0.1	4	0	0.06	13.2	3.51	6.4662096
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	2.44	1.39	0.43	0.94	4	0	0.43	2.44	1.3	0.8552193
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.002	<0.001	<0.005	<0.001	4	3	<0.001	0.002	0.001375	0.0010308
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0019	<0.0003	<0.0003	<0.0003	4	3	<0.0003	0.0019	0.0005875	0.000875
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	0.02	<0.01	<0.01	<0.01	4	3	<0.01	0.02	0.00875	0.0075
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		0.0014	<0.0003	0.0033	<0.0003	4	2	<0.0003	0.0033	0.00125	0.0014883
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	0.001	0.002 d	2	0	0.001	0.002	0.0015	0.0007071
Barium, Total	mg/L	2		NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	0.1	0.1	2	0	0.1	0.1	0.1	0
Cadmium, Total	mg/L	0.005		NM	NM	<0.001	<0.005	2	2	<0.001	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	0.08	<0.01	2	1	<0.01	0.08	0.0425	0.053033
Iron, Total	mg/L		0.3	NM	NM	7.59	8.99	2	0	7.59	8.99	8.29	0.9899495
Lead, Total	mg/L			NM	NM	0.05	0.002	2	0	0.002	0.05	0.026	0.0339411
Manganese, Total	mg/L		0.05	NM	NM	0.56	0.66	2	0	0.56	0.66	0.61	0.0707107
Mercury, Total	mg/L	0.002		<0.0002	<0.001	<0.0001	<0.0001	4	4	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	<0.01	<0.1	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	2.1	2.6	2	0	2.1	2.6	2.35	0.3535534
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	NM	0.0004	<0.0003	2	1	<0.0003	0.0004	0.000275	0.0001768

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				650	650	650	650	Summary Statistics for Hydro ID 650					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 7:00:00 PM	11/12/2007 3:30:00 PM	3/24/2008 9:00:00 AM	5/30/2008 4:30:00 PM						
Lab ID				R07100002 -010	R07110146 -009	R08030253 -001	R08050427 -004						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	NM	NM	0.07 d	0.02	2	0	0.02	0.07	0.045	0.0353553
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		13.1	5.6	2.9 j	2.1 j	4	0	2.1	13.1	5.925	5.012235
Gross Beta, Dissolved	pCi/L			20.9	20.1	12.5	10.8	4	0	10.8	20.9	16.075	5.1668011
Gross Gamma, Dissolved	pCi/L			1100	2200	<20	0 j	4	1	<20	2200	827.5	1050.5673
Lead 210, Dissolved	pCi/L			<1	1.4	24 b	1.5 j	4	1	<1	24	6.85	11.442173
Polonium 210, Dissolved	pCi/L			<1	<1	0.4 j	-0.2 j	4	2	<1	0.4	0.3	0.3366502
Radium 226, Dissolved	pCi/L	5		2.7	2.4	1.4	1.2	4	0	1.2	2.7	1.925	0.736546
Thorium 230, Dissolved	pCi/L			<0.2	<0.2	0.4	0 j	4	2	<0.2	0.4	0.15	0.1732051
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			<1	<1	12 b	6.2 j	4	2	<1	12	4.8	5.500909
Polonium 210, Suspended	pCi/L			<1	<1	1.2	0.2 j	4	2	<1	1.2	0.6	0.4242641
Radium 226, Suspended	pCi/L	5		0.6	<0.2	0.7	-0.02 j	4	1	<0.2	0.7	0.345	0.3579106
Thorium 230, Suspended	pCi/L			<0.2	<0.2	0.8	0.2 j	4	2	<0.2	0.8	0.3	0.3366502
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		3.2	NM	NM	NM	1	0	3.2	3.2	3.2	---
Radon 222, Total	pCi/L			NM	134	202	254	3	0	134	254	196.66667	60.177515
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-3.87	4.96	-5.85	-1.4	4	0	-5.85	4.96	-1.54	4.7001631
Anions	meq/l			25.9	23.5	17.8	18.2	4	0	17.8	25.9	21.35	3.9937451
Cations	meq/l			23.9	26	15.9	17.7	4	0	15.9	26	20.875	4.8389909
Solids, Total Dissolved Calculated	mg/L			1630	1560	1140	1190	4	0	1140	1630	1380	250.73226
TDS Balance (0.80 - 1.20)	dec. %			1.21	1.01	1.11	1.13	4	0	1.01	1.21	1.115	0.0822598

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				675	675	675	675	Summary Statistics for Hydro ID 675					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 10:49:00 AM	11/27/2007 5:34:00 PM	2/5/2008 12:05:00 PM	4/29/2008 5:47:00 PM						
Lab ID				R07100002 -002	R07110303 -007	R08020052 -002	R08040364 -004						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			6779	5534	6151	6164	4	0	5534	6779	6157	508.29716
Field Dissolved Oxygen	mg/L			NM	NM	0.91	0.73	2	0	0.73	0.91	0.82	0.1272792
Field pH	s.u.		6.5-8.5	7.03	7.18	7.17	7.08	4	0	7.03	7.18	7.115	0.0723418
Field Temperature	Deg C			15.18	12.63	NM	8.29	3	0	8.29	15.18	12.033333	3.4835375
Field Turbidity	NTUs			NM	NM	38.8	2.9	2	0	2.9	38.8	20.85	25.385133
Water Level Elevation	ft AMSL			3482.12	3482.31	3482.93	3482.88	4	0	3482.12	3482.93	3482.56	0.406366
Physical Properties													
Conductivity @ 25 C	umhos/cm			6090	5830	6340	6560	4	0	5830	6560	6205	315.22479
Oxidation-Reduction Potential	mV			NM	220	180	240	3	0	180	240	213.33333	30.550505
pH, Laboratory	s.u.		6.5-8.5	7.25	7.32	7.29	7.53	4	0	7.25	7.53	7.3475	0.125
Sodium Adsorption Ratio (SAR)	unitless			NM	6.2	6.5	6.6	3	0	6.2	6.6	6.4333333	0.2081666
Solids, Total Dissolved TDS @ 180 C	mg/L		500	5900	6100	6100	5700	4	0	5700	6100	5950	191.48542
Major Ions													
Alkalinity, Total as CaCO3	mg/L			378	352	388	422	4	0	352	422	385	28.959742
Bicarbonate as HCO3	mg/L			461	429	473	514	4	0	429	514	469.25	35.141381
Calcium, Dissolved	mg/L			400 d	410 d	439 d	450	4	0	400	450	424.75	23.599082
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	64	60 d	75 d	64	4	0	60	75	65.75	6.448514
Fluoride	mg/L	4	2	0.1	0.4	0.6	0.5	4	0	0.1	0.6	0.4	0.2160247
Magnesium, Dissolved	mg/L			339	362	376	408	4	0	339	408	371.25	28.860296
Nitrogen, Ammonia as N	mg/L			0.3	0.5	0.3	0.2	4	0	0.2	0.5	0.325	0.1258306
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	0.07	4	3	<0.1	0.07	0.055	0.01
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.05	4	4	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			28	25.2	24.5	21.7	4	0	21.7	28	24.85	2.5877919
Silica	mg/L			16	14.9	14.4	7.3	4	0	7.3	16	13.15	3.9568506
Sodium, Dissolved	mg/L			630 d	713 d	769 d	809 d	4	0	630	809	730.25	77.568787
Sulfate, Total	mg/L		250	3600 d	3420 d	3260 d	3810	4	0	3260	3810	3522.5	236.69601
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	<0.001	0.001	0.001	4	1	<0.001	0.001	0.000875	0.00025
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.4	0.3	0.4	0.3	4	0	0.3	0.4	0.35	0.057735
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.13	0.05	0.15	1.88	4	0	0.05	1.88	0.5525	0.886054
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	2.89	3.14	3.39	3.02	4	0	2.89	3.39	3.11	0.2127596
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.003	<0.001	0.001	<0.001	4	2	<0.001	0.003	0.00125	0.0011902
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0372	0.0307	0.0387	0.0493	4	0	0.0307	0.0493	0.038975	0.0077095
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	0.02	0.02	<0.01	<0.01	4	2	<0.01	0.02	0.0125	0.0086603
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	<0.001	0.001	<0.001	3	2	<0.001	0.001	0.0006667	0.0002887
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		0.0013	0.003	0.0005	<0.0003	4	1	<0.0003	0.003	0.0012375	0.0012698
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	0.002	0.002	2	0	0.002	0.002	0.002	0
Barium, Total	mg/L	2		NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	<0.1	0.3	2	1	<0.1	0.3	0.175	0.1767767
Cadmium, Total	mg/L	0.005		NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	3.48	5.03	2	0	3.48	5.03	4.255	1.0960155
Lead, Total	mg/L			NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	3.4	3.02	2	0	3.02	3.4	3.21	0.2687006
Mercury, Total	mg/L	0.002		<0.0002	<0.001	<0.001	<0.001	4	4	<0.0002	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			NM	NM	<0.01	<0.1	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	0.004	0.002	2	0	0.002	0.004	0.003	0.0014142
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	8.3	8.8	2	0	8.3	8.8	8.55	0.3535534
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				675	675	675	675	Summary Statistics for Hydro ID 675					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 10:49:00 AM	11/27/2007 5:34:00 PM	2/5/2008 12:05:00 PM	4/29/2008 5:47:00 PM						
Lab ID				R07100002 -002	R07110303 -007	R08020052 -002	R08040364 -004						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		NM	NM	0.0387	0.0502	2	0	0.0387	0.0502	0.04445	0.0081317
Zinc, Total	mg/L		5	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		18.8	18.3	29.3	55.2	4	0	18.3	55.2	30.4	17.293737
Gross Beta, Dissolved	pCi/L			18.5	<2	25.3	8 j	4	1	<2	25.3	13.2	10.807096
Gross Gamma, Dissolved	pCi/L			<20	1100	<20	0 j	4	2	<20	1100	280	546.68699
Lead 210, Dissolved	pCi/L			<1	6	<1	0 j	4	2	<1	6	1.75	2.8431204
Polonium 210, Dissolved	pCi/L			<1	<1	2.1	0.6 j	4	2	<1	2.1	0.925	0.7847505
Radium 226, Dissolved	pCi/L	5		<0.2	0.5	<0.2	0.2	4	2	<0.2	0.5	0.225	0.1892969
Thorium 230, Dissolved	pCi/L			<0.2	<0.2	<0.2	0 j	4	3	<0.2	0	0.075	0.05
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			14	<1	<1	-19.2 j	4	2	<1	14	-1.05	13.671503
Polonium 210, Suspended	pCi/L			<1	2	<1	0.3 j	4	2	<1	2	0.825	0.7889867
Radium 226, Suspended	pCi/L	5		2.3	1.7	<0.2	0.7	4	1	<0.2	2.3	1.2	0.9865766
Thorium 230, Suspended	pCi/L			<0.2	1.3	<0.2	0 j	4	2	<0.2	1.3	0.375	0.6184658
Radionuclides, Total													
Lead 210, Total	pCi/L			14	NM	NM	NM	1	0	14	14	14	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		2.3	NM	NM	NM	1	0	2.3	2.3	2.3	---
Radon 222, Total	pCi/L			NM	712	783 h	960	3	0	712	960	818.33333	127.71975
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-4.99	1.35	5.71	1.42	4	0	-4.99	5.71	0.8725	4.4082527
Anions	meq/l			84.2	80	77.8	89.5	4	0	77.8	89.5	82.875	5.1532352
Cations	meq/l			76.2	82.2	87.2	92.1	4	0	76.2	92.1	84.425	6.8119381
Solids, Total Dissolved Calculated	mg/L			5280	5200	5180	5830	4	0	5180	5830	5372.5	308.04491
TDS Balance (0.80 - 1.20)	dec. %			1.11	1.17	1.18	0.97	4	0	0.97	1.18	1.1075	0.0967385

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				676	676	676	676	Summary Statistics for Hydro ID 676					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 1:46:00 PM	11/27/2007 12:20:00 PM	2/5/2008 4:57:00 PM	4/29/2008 12:27:00 PM						
Lab ID				R07100002 -005	R07110303 -002	R08020052 -007	R08040364 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			3251	2732	2942	2920	4	0	2732	3251	2961.25	214.92848
Field Dissolved Oxygen	mg/L			NM	NM	8.24	7.59	2	0	7.59	8.24	7.915	0.4596194
Field pH	s.u.		6.5-8.5	7.02	6.95	7.04	6.91	4	0	6.91	7.04	6.98	0.060553
Field Temperature	Deg C			12.17	10.63	9.94	10.22	4	0	9.94	12.17	10.74	0.9945518
Field Turbidity	NTUs			NM	NM	1000+	21.2	2	0	21.2	1000	510.6	692.11612
Water Level Elevation	ft AMSL			3644.26	3644.03	3643.9	3643.8	4	0	3643.8	3644.26	3643.9975	0.1987251
Physical Properties													
Conductivity @ 25 C	umhos/cm			2880	2860	3010	3100	4	0	2860	3100	2962.5	113.24752
Oxidation-Reduction Potential	mV			NM	250	230	280	3	0	230	280	253.33333	25.166115
pH, Laboratory	s.u.		6.5-8.5	7.13	7.17	7.2	7.46	4	0	7.13	7.46	7.24	0.1494434
Sodium Adsorption Ratio (SAR)	unitless			NM	0.92	0.96	0.93	3	0	0.92	0.96	0.9366667	0.0208167
Solids, Total Dissolved TDS @ 180 C	mg/L		500	3000	2900	2500	2600	4	0	2500	3000	2750	238.04761
Major Ions													
Alkalinity, Total as CaCO3	mg/L			240	228	208	220	4	0	208	240	224	13.466007
Bicarbonate as HCO3	mg/L			293	278	254	268	4	0	254	293	273.25	16.439282
Calcium, Dissolved	mg/L			465 d	514 d	518 d	561	4	0	465	561	514.5	39.264063
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	15	16	14	13	4	0	13	16	14.5	1.2909944
Fluoride	mg/L	4	2	0.2	0.2	0.4	0.3	4	0	0.2	0.4	0.275	0.0957427
Magnesium, Dissolved	mg/L			104	113	114	129	4	0	104	129	115	10.36018
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		1	1	0.7	0.76	4	0	0.7	1	0.865	0.1577973
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.05	4	4	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			11.6	12.3	12.7	10.9	4	0	10.9	12.7	11.875	0.7932003
Silica	mg/L			13.7	14.4	14.3	6.4	4	0	6.4	14.4	12.2	3.8790033
Sodium, Dissolved	mg/L			80 d	88.8 d	92.2 l	94 d	4	0	80	94	88.75	6.2190567
Sulfate, Total	mg/L		250	1790 d	1720 d	1670 d	1760	4	0	1670	1790	1735	51.961524
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.4	0.4	0.5	0.5	4	0	0.4	0.5	0.45	0.057735
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	4	4	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.02	<0.01	0.02	<0.01	4	2	<0.01	0.02	0.0125	0.0086603
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.017	0.014	0.012	0.009	4	0	0.009	0.017	0.013	0.0033665
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0494	0.0548	0.0586	0.0557	4	0	0.0494	0.0586	0.054625	0.0038422
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	0.03	<0.01	<0.01	4	3	<0.01	0.03	0.01125	0.0125
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	0.014	0.012	0.009	3	0	0.009	0.014	0.0116667	0.0025166
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		0.0096	0.0011	0.0702	<0.0003	4	1	<0.0003	0.0702	0.0202625	0.0335617
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	0.021	<0.001	2	1	<0.001	0.021	0.01075	0.0144957
Barium, Total	mg/L	2		NM	NM	0.5	<0.1	2	1	<0.1	0.5	0.275	0.3181981
Beryllium, Total	mg/L	0.004		NM	NM	0.003	<0.001	2	1	<0.001	0.003	0.00175	0.0017678
Boron, Total	mg/L			NM	NM	0.5	0.4	2	0	0.4	0.5	0.45	0.0707107
Cadmium, Total	mg/L	0.005		NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	0.05	<0.05	2	1	<0.05	0.05	0.0375	0.0176777
Copper, Total	mg/L		1	NM	NM	0.12	<0.01	2	1	<0.01	0.12	0.0625	0.0813173
Iron, Total	mg/L		0.3	NM	NM	66 d	0.57	2	0	0.57	66	33.285	46.265997
Lead, Total	mg/L			NM	NM	0.06	<0.001	2	1	<0.001	0.06	0.03025	0.0420729
Manganese, Total	mg/L		0.05	NM	NM	2.52	0.03	2	0	0.03	2.52	1.275	1.7606959
Mercury, Total	mg/L	0.002		<0.0002	<0.001	<0.001	<0.001	4	4	<0.0002	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			NM	NM	<0.01	<0.1	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	0.1	<0.05	2	1	<0.05	0.1	0.0625	0.053033
Selenium, Total	mg/L	0.05		NM	NM	0.013	0.012	2	0	0.012	0.013	0.0125	0.0007071
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	9.2	8.6	2	0	8.6	9.2	8.9	0.4242641
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				676	676	676	676	Summary Statistics for Hydro ID 676					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 1:46:00 PM	11/27/2007 12:20:00 PM	2/5/2008 4:57:00 PM	4/29/2008 12:27:00 PM						
Lab ID				R07100002 -005	R07110303 -002	R08020052 -007	R08040364 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		NM	NM	0.0687	0.0591	2	0	0.0591	0.0687	0.0639	0.0067882
Zinc, Total	mg/L		5	NM	NM	0.28	0.03	2	0	0.03	0.28	0.155	0.1767767
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		37.1	31.9	95.5	51.6	4	0	31.9	95.5	54.025	28.879217
Gross Beta, Dissolved	pCi/L			11.1	21.6	22.1	9.2 j	4	0	9.2	22.1	16	6.8024505
Gross Gamma, Dissolved	pCi/L			1100	1000	<20	0 j	4	1	<20	1100	527.5	604.72446
Lead 210, Dissolved	pCi/L			<1	<1	4.1	-0.9 j	4	2	<1	4.1	1.05	2.1377558
Polonium 210, Dissolved	pCi/L			<1	1.2	2.9	1.1	4	1	<1	2.9	1.425	1.0307764
Radium 226, Dissolved	pCi/L	5		<0.2	<0.2	<0.2	0.2	4	3	<0.2	0.2	0.125	0.05
Thorium 230, Dissolved	pCi/L			<0.2	<0.2	<0.2	0 j	4	3	<0.2	0	0.075	0.05
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			<1	<1	3.8	-6.7 j	4	2	<1	3.8	-0.475	4.431986
Polonium 210, Suspended	pCi/L			<1	<1	2.2	0.1 j	4	2	<1	2.2	0.825	0.9358597
Radium 226, Suspended	pCi/L	5		<0.2	<0.2	11.4	NM	3	2	<0.2	11.4	3.8666667	6.524058
Thorium 230, Suspended	pCi/L			<0.2	<0.2	4.2	0 j	4	2	<0.2	4.2	1.1	2.0672042
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Radon 222, Total	pCi/L				453	686 h	755	3	0	453	755	631.33333	158.2477
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-3.7	-2.19	0.0941	1.76	4	0	-3.7	1.76	-1.008975	2.416639
Anions	meq/l			38.2	40.9	39.5	41.4	4	0	38.2	41.4	40	1.4445299
Cations	meq/l			35.5	39.1	39.5	430	4	0	35.5	430	136.025	195.99159
Solids, Total Dissolved Calculated	mg/L			2410	2600	2550	2720	4	0	2410	2720	2570	128.32251
TDS Balance (0.80 - 1.20)	dec. %			1.24	1.12	0.98	0.95	4	0	0.95	1.24	1.0725	0.1340087

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				677	677	677	677	Summary Statistics for Hydro ID 677					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 12:26:00 PM	11/27/2007 3:20:00 PM	2/5/2008 1:39:00 PM	4/29/2008 3:14:00 PM						
Lab ID				R07100002 -004	R07110303 -004	R08020052 -003	R08040364 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			12220	10253	11186	11363	4	0	10253	12220	11255.5	806.56742
Field Dissolved Oxygen	mg/L			NM	NM	0.55	1	2	0	0.55	1	0.775	0.3181981
Field pH	s.u.		6.5-8.5	6.88	6.9	6.91	6.32	4	0	6.32	6.91	6.7525	0.288603
Field Temperature	Deg C			13.31	11.33	7.67	8.1	4	0	7.67	13.31	10.1025	2.6908409
Field Turbidity	NTUs			NM	NM	6.1	1.4	2	0	1.4	6.1	3.75	3.3234019
Water Level Elevation	ft AMSL			3560.79	3561.18	3562.2	3562.67	4	0	3560.79	3562.67	3561.71	0.8734987
Physical Properties													
Conductivity @ 25 C	umhos/cm			11000	10800	11600	12100	4	0	10800	12100	11375	590.90326
Oxidation-Reduction Potential	mV			NM	200	170	210	3	0	170	210	193.33333	20.81666
pH, Laboratory	s.u.		6.5-8.5	7.09	7.14	7.13	7.28	4	0	7.09	7.28	7.16	0.0828654
Sodium Adsorption Ratio (SAR)	unitless			NM	16	16	17	3	0	16	17	16.333333	0.5773503
Solids, Total Dissolved TDS @ 180 C	mg/L		500	8900	9700	9600	9100	4	0	8900	9700	9325	386.22101
Major Ions													
Alkalinity, Total as CaCO3	mg/L			532	482	494	480	4	0	480	532	497	24.138489
Bicarbonate as HCO3	mg/L			649	588	602	585	4	0	585	649	606	29.608557
Calcium, Dissolved	mg/L			420 d	454 d	478 d	516	4	0	420	516	467	40.414519
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	1720 d	1780 d	1290 d	1710 d	4	0	1290	1780	1625	225.46249
Fluoride	mg/L	4	2	<0.1	0.1	<0.1	0.7	4	2	<0.1	0.7	0.225	0.3175426
Magnesium, Dissolved	mg/L			360	395	414	454	4	0	360	454	405.75	39.178013
Nitrogen, Ammonia as N	mg/L			0.2	<0.1	<0.1	<0.1	4	3	<0.1	0.2	0.0875	0.075
Nitrogen, Nitrate as N	mg/L	10		<0.1	0.2	<0.1	0.11	4	2	<0.1	0.2	0.1025	0.0708872
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.05	4	4	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			13.2	11	11.3	9.8	4	0	9.8	13.2	11.325	1.4080128
Silica	mg/L			10.2	10	9.4	4.2	4	0	4.2	10.2	8.45	2.8536526
Sodium, Dissolved	mg/L			1810 d	1880 d	2030 d	2140 d	4	0	1810	2140	1965	148.43629
Sulfate, Total	mg/L		250	4390 d	4590 d	4310 d	4410	4	0	4310	4590	4425	118.18065
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.002	<0.001	0.001	0.001	4	1	<0.001	0.002	0.001125	0.0006292
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.9	0.8	0.8	0.7	4	0	0.7	0.9	0.8	0.0816497
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	4	4	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	2.89	2.55	2.59	1.62	4	0	1.62	2.89	2.4125	0.5496893
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.003	<0.001	<0.001	<0.001	4	3	<0.001	0.003	0.001125	0.00125
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0218	0.0443	0.0402	0.045	4	0	0.0218	0.045	0.037825	0.0108911
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	0.02	0.02	<0.01	<0.01	4	2	<0.01	0.02	0.0125	0.0086603
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		0.027	0.0049	<0.0003	<0.0003	4	2	<0.0003	0.027	0.00805	0.0128302
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	0.001	0.001	2	0	0.001	0.001	0.001	0
Barium, Total	mg/L	2		NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	0.7	0.7	2	0	0.7	0.7	0.7	0
Cadmium, Total	mg/L	0.005		NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	0.12	0.04	2	0	0.04	0.12	0.08	0.0565685
Lead, Total	mg/L			NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	2.65	1.71	2	0	1.71	2.65	2.18	0.6646804
Mercury, Total	mg/L	0.002		<0.0002	<0.001	<0.001	<0.001	4	4	<0.0002	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			NM	NM	<0.01	<0.1	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	0.006	<0.001	2	1	<0.001	0.006	0.00325	0.0038891
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	10	11.6	2	0	10	11.6	10.8	1.1313708
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				677	677	677	677	Summary Statistics for Hydro ID 677					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 12:26:00 PM	11/27/2007 3:20:00 PM	2/5/2008 1:39:00 PM	4/29/2008 3:14:00 PM						
Lab ID				R07100002 -004	R07110303 -004	R08020052 -003	R08040364 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		NM	NM	0.0414	0.0471	2	0	0.0414	0.0471	0.04425	0.0040305
Zinc, Total	mg/L		5	NM	NM	<0.01	0.01	2	1	<0.01	0.01	0.0075	0.0035355
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		41	38.7	129	43.1	4	0	38.7	129	62.95	44.069982
Gross Beta, Dissolved	pCi/L			<2	<2	-2 j	-30 j	4	2	<2	-2	-7.5	15.066519
Gross Gamma, Dissolved	pCi/L			1100	1000	<20	0 j	4	1	<20	1100	527.5	604.72446
Lead 210, Dissolved	pCi/L			<1	1.1	2.1	0 j	4	1	<1	2.1	0.925	0.9032349
Polonium 210, Dissolved	pCi/L			<1	<1	2.2	0.4 j	4	2	<1	2.2	0.9	0.8679478
Radium 226, Dissolved	pCi/L	5		0.9	<0.2	<0.2	0.1	4	2	<0.2	0.9	0.3	0.4
Thorium 230, Dissolved	pCi/L			<0.2	<0.2	<0.2	0 j	4	3	<0.2	0	0.075	0.05
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			<1	<1	<1	-2.3 j	4	3	<1	-2.3	-0.2	1.4
Polonium 210, Suspended	pCi/L			<1	2.5	<1	-0.2 j	4	2	<1	2.5	0.825	1.1644026
Radium 226, Suspended	pCi/L	5		<0.2	2.7	<0.2	0.3	4	2	<0.2	2.7	0.8	1.2701706
Thorium 230, Suspended	pCi/L			<0.2	2.2	0.3	0.1 j	4	1	<0.2	2.2	0.675	1.0210289
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Radon 222, Total	pCi/L				892	808 h	1250	3	0	808	1250	983.33333	234.72821
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-3.56	-3.76	3.88	2.3	4	0	-3.76	3.88	-0.285	3.9509788
Anions	meq/l			140	148	136	150	4	0	136	150	143.5	6.6080759
Cations	meq/l			130	138	147	157	4	0	130	157	143	11.633286
Solids, Total Dissolved Calculated	mg/L			8510	9070	8830	9550	4	0	8510	9550	8990	438.17805
TDS Balance (0.80 - 1.20)	dec. %			1.04	1.07	1.09	0.95	4	0	0.95	1.09	1.0375	0.0618466

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				678	678	678	678	Summary Statistics for Hydro ID 678					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 4:22:00 PM	11/27/2007 1:40:00 PM	2/5/2008 3:39:00 PM	4/29/2008 1:41:00 PM						
Lab ID				R07100002 -007	R07110303 -003	R08020052 -005	R08040364 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			6497	5472	5872	5906	4	0	5472	6497	5936.75	422.29956
Field Dissolved Oxygen	mg/L			NM	NM	1.67	1.4	2	0	1.4	1.67	1.535	0.1909188
Field pH	s.u.		6.5-8.5	6.93	7.05	7.12	6.93	4	0	6.93	7.12	7.0075	0.0939415
Field Temperature	Deg C			13.17	12.02	8.83	9.15	4	0	8.83	13.17	10.7925	2.1376369
Field Turbidity	NTUs			NM	NM	12.5	3	2	0	3	12.5	7.75	6.7175144
Water Level Elevation	ft AMSL			3581.2	3582.08	3582.49	3582.92	4	0	3581.2	3582.92	3582.1725	0.7334564
Physical Properties													
Conductivity @ 25 C	umhos/cm			5710	5780	6020	6300	4	0	5710	6300	5952.5	267.00499
Oxidation-Reduction Potential	mV			NM	210	200	260	3	0	200	260	223.33333	32.145503
pH, Laboratory	s.u.		6.5-8.5	7.23	7.42	7.34	7.55	4	0	7.23	7.55	7.385	0.1347838
Sodium Adsorption Ratio (SAR)	unitless			NM	5	5.2	4.9	3	0	4.9	5.2	5.0333333	0.1527525
Solids, Total Dissolved TDS @ 180 C	mg/L		500	6000	6100	6000	5400	4	0	5400	6100	5875	320.15621
Major Ions													
Alkalinity, Total as CaCO3	mg/L			490	480	468	478	4	0	468	490	479	9.0184995
Bicarbonate as HCO3	mg/L			597	585	570	583	4	0	570	597	583.75	11.056672
Calcium, Dissolved	mg/L			397 d	422 d	428 d	457	4	0	397	457	426	24.644134
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	64	61 d	96 d	54	4	0	54	96	68.75	18.643587
Fluoride	mg/L	4	2	0.6	0.9	<0.1	1	4	1	<0.1	1	0.6375	0.4269563
Magnesium, Dissolved	mg/L			398	434	434	500	4	0	398	500	441.5	42.532341
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		0.2	0.2	0.1	0.09	4	0	0.09	0.2	0.1475	0.0607591
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.05	4	4	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			18.9	20.1	20.2	17.4	4	0	17.4	20.2	19.15	1.3076697
Silica	mg/L			14.9	15.4	16.3	7.9	4	0	7.9	16.3	13.625	3.8603756
Sodium, Dissolved	mg/L			564 d	609 d	634 d	643 d	4	0	564	643	612.5	35.388322
Sulfate, Total	mg/L		250	3220 d	3440 d	3540 d	3740	4	0	3220	3740	3485	216.25602
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.002	<0.001	0.001	0.001	4	1	<0.001	0.002	0.001125	0.0006292
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			1.3	1.4	1.6	1.4	4	0	1.3	1.6	1.425	0.1258306
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	4	4	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	2.85	3.31	2.39	2.66	4	0	2.39	3.31	2.8025	0.3874167
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.003	<0.001	0.002	<0.001	4	2	<0.001	0.003	0.0015	0.0012247
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0352	0.0349	0.0368	0.0355	4	0	0.0349	0.0368	0.0356	0.0008367
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	0.2	4	3	<0.1	0.2	0.0875	0.075
Zinc, Dissolved	mg/L		5	0.01	0.01	<0.01	<0.01	4	2	<0.01	0.01	0.0075	0.0028868
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	<0.001	0.002	<0.001	3	2	<0.001	0.002	0.001	0.000866
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		0.0032	0.0008	<0.0003	<0.0003	4	2	<0.0003	0.0032	0.001075	0.0014494
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	0.002	0.001	2	0	0.001	0.002	0.0015	0.0007071
Barium, Total	mg/L	2		NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	1.6	1.4	2	0	1.4	1.6	1.5	0.1414214
Cadmium, Total	mg/L	0.005		NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	0.04	<0.03	2	1	<0.03	0.04	0.0275	0.0176777
Lead, Total	mg/L			NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	2.72	2.61	2	0	2.61	2.72	2.665	0.0777817
Mercury, Total	mg/L	0.002		<0.0002	<0.001	<0.001	<0.001	4	4	<0.0002	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	0.0001 h	1	0	0.0001	0.0001	0.0001	---
Molybdenum, Total	mg/L			NM	NM	0.01	<0.1	2	1	<0.1	0.01	0.03	0.0282843
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	0.005	0.003	2	0	0.003	0.005	0.004	0.0014142
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	10.2	11	2	0	10.2	11	10.6	0.5656854
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				678	678	678	678	Summary Statistics for Hydro ID 678					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 4:22:00 PM	11/27/2007 1:40:00 PM	2/5/2008 3:39:00 PM	4/29/2008 1:41:00 PM						
Lab ID				R07100002 -007	R07110303 -003	R08020052 -005	R08040364 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		NM	NM	0.0379	0.0387	2	0	0.0379	0.0387	0.0383	0.0005657
Zinc, Total	mg/L		5	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		23.2	18.9	41.5	54.7	4	0	18.9	54.7	34.575	16.613925
Gross Beta, Dissolved	pCi/L			8.1	35.3	16	12.8 j	4	0	8.1	35.3	18.05	11.948919
Gross Gamma, Dissolved	pCi/L			1100	1100	<20	0 j	4	1	<20	1100	552.5	632.21173
Lead 210, Dissolved	pCi/L			<1	4	3.3	-1.2 j	4	1	<1	4	1.65	2.4283053
Polonium 210, Dissolved	pCi/L			<1	<1	2.4	1.3	4	2	<1	2.4	1.175	0.8995369
Radium 226, Dissolved	pCi/L	5		<0.2	<0.2	<0.2	0.2	4	3	<0.2	0.2	0.125	0.05
Thorium 230, Dissolved	pCi/L			<0.2	<0.2	0.3	0.2	4	2	<0.2	0.3	0.175	0.0957427
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			<1	<1	<1	-1.5 j	4	3	<1	-1.5	0	1
Polonium 210, Suspended	pCi/L			<1	1.3	<1	0 j	4	2	<1	1.3	0.575	0.5377422
Radium 226, Suspended	pCi/L	5		<0.2	0.7	<0.2	0.7	4	2	<0.2	0.7	0.4	0.3464102
Thorium 230, Suspended	pCi/L			<0.2	<0.2	<0.2	0.1 j	4	3	<0.2	0.1	0.1	0
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Radon 222, Total	pCi/L				391	487 h	687	3	0	391	687	521.66667	151.01435
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-0.532	0.551	-0.31	1.9	4	0	-0.532	1.9	0.40225	1.1023467
Anions	meq/l			78.6	83.1	85.9	89.1	4	0	78.6	89.1	84.175	4.4522466
Cations	meq/l			77.8	84	85.3	92.6	4	0	77.8	92.6	84.925	6.0736453
Solids, Total Dissolved Calculated	mg/L			4950	5280	5440	5730	4	0	4950	5730	5350	325.26912
TDS Balance (0.80 - 1.20)	dec. %			1.21	1.16	1.1	0.95	4	0	0.95	1.21	1.105	0.1126943

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				679	679	679	679	Summary Statistics for Hydro ID 679					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 3:04:00 PM	11/14/2007 1:45:00 PM	2/3/2008 4:25:00 PM	5/18/2008 6:00:00 PM						
Lab ID				R07100002 -006	R07110184 -003	R08020006 -001	R08050229 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			2848	2609	2580	2626	4	0	2580	2848	2665.75	122.97527
Field Dissolved Oxygen	mg/L			NM	10.62	8.83	8.87	3	0	8.83	10.62	9.44	1.0221057
Field pH	s.u.		6.5-8.5	7.36	7.52	7.36	7.5	4	0	7.36	7.52	7.435	0.0869866
Field Temperature	Deg C			11.62	10.64	10.61	11.47	4	0	10.61	11.62	11.085	0.5348208
Field Turbidity	NTUs			NM	1092	NM	505	2	0	505	1092	798.5	415.07168
Water Level Elevation	ft AMSL			3685.7	3685.45	3685.42	3685.28	4	0	3685.28	3685.7	3685.4625	0.1748094
Physical Properties													
Conductivity @ 25 C	umhos/cm			2520	2470	1970	2880	4	0	1970	2880	2460	374.25482
Oxidation-Reduction Potential	mV			NM	230	200	240	3	0	200	240	223.33333	20.81666
pH, Laboratory	s.u.		6.5-8.5	7.53	7.34	7.66	7.83	4	0	7.34	7.83	7.59	0.2070427
Sodium Adsorption Ratio (SAR)	unitless			NM	0.84	0.87	0.86	3	0	0.84	0.87	0.8566667	0.0152753
Solids, Total Dissolved TDS @ 180 C	mg/L		500	2500	2600	2500	2500	4	0	2500	2600	2525	50
Major Ions													
Alkalinity, Total as CaCO3	mg/L			140	136	144	158	4	0	136	158	144.5	9.5742711
Bicarbonate as HCO3	mg/L			171	166	176	193	4	0	166	193	176.5	11.733144
Calcium, Dissolved	mg/L			414 d	447 d	440 d	515	4	0	414	515	454	43.07358
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	12	12	13	11	4	0	11	13	12	0.8164966
Fluoride	mg/L	4	2	0.3	0.2	0.4	0.4	4	0	0.2	0.4	0.325	0.0957427
Magnesium, Dissolved	mg/L			89	92.5	100	109	4	0	89	109	97.625	8.863549
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		1.2	1.3	1.3	1.1	4	0	1.1	1.3	1.225	0.0957427
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			12.5	11.4	11.8	11.1	4	0	11.1	12.5	11.7	0.6055301
Silica	mg/L			10.4	12.6	12.7	6	4	0	6	12.7	10.425	3.1351502
Sodium, Dissolved	mg/L			73 d	74.9 d	77.6 d	82 d	4	0	73	82	76.875	3.9033106
Sulfate, Total	mg/L		250	1580 d	1500 d	1420 d	1440 d	4	0	1420	1580	1485	71.879529
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.4	0.4	0.4	0.4	4	0	0.4	0.4	0.4	0
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	4	4	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.14	0.04	0.03	0.04	4	0	0.03	0.14	0.0625	0.0518813
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.016	0.012	0.013	0.01	4	0	0.01	0.016	0.01275	0.0025
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0157	0.0144	0.0139	0.0112	4	0	0.0112	0.0157	0.0138	0.0018921
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	0.012	0.012	0.01	3	0	0.01	0.012	0.0113	0.0011547
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		0.011	0.0008	0.0007	0.0012	4	0	0.0007	0.011	0.003425	0.0050546
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	0.007	0.011	2	0	0.007	0.011	0.009	0.0028284
Barium, Total	mg/L	2		NM	NM	0.2	0.3	2	0	0.2	0.3	0.25	0.0707107
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	0.002	2	1	<0.001	0.002	0.00125	0.0010607
Boron, Total	mg/L			NM	NM	<0.1	0.4	2	1	<0.1	0.4	0.225	0.2474874
Cadmium, Total	mg/L	0.005		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	0.02	0.03	2	0	0.02	0.03	0.025	0.0070711
Iron, Total	mg/L		0.3	NM	NM	14.9 d	26.4	2	0	14.9	26.4	20.65	8.131728
Lead, Total	mg/L			NM	NM	0.015	0.022	2	0	0.015	0.022	0.0185	0.0049497
Manganese, Total	mg/L		0.05	NM	NM	0.35	0.57	2	0	0.35	0.57	0.46	0.1555635
Mercury, Total	mg/L	0.002		<0.0002	<0.001	0.00002	<0.0001	4	3	<0.0001	0.00002	0.0001675	0.0002241
Molybdenum, Total	mg/L			NM	NM	0.01	0.02	2	0	0.01	0.02	0.015	0.0070711
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	0.014	0.013	2	0	0.013	0.014	0.0135	0.0007071
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	7.3	7.8	2	0	7.3	7.8	7.55	0.3535534
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	NM	0.0154	0.0164	2	0	0.0154	0.0164	0.0159	0.0007071

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				679	679	679	679	Summary Statistics for Hydro ID 679					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 3:04:00 PM	11/14/2007 1:45:00 PM	2/3/2008 4:25:00 PM	5/18/2008 6:00:00 PM						
Lab ID				R07100002 -006	R07110184 -003	R08020006 -001	R08050229 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	NM	NM	0.06	0.09	2	0	0.06	0.09	0.075	0.0212132
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		19.9	13.3	18.4	22.4	4	0	13.3	22.4	18.5	3.8392708
Gross Beta, Dissolved	pCi/L			10.7	16.3	7.2	10.8	4	0	7.2	16.3	11.25	3.7598759
Gross Gamma, Dissolved	pCi/L			1200	1500	86	0 j	4	0	0	1500	696.5	765.27707
Lead 210, Dissolved	pCi/L			<1	9.1	<1	4.5 j	4	2	<1	9.1	3.65	4.0934908
Polonium 210, Dissolved	pCi/L			1.1	2.3	<1	-0.1 j	4	1	<1	2.3	0.95	1.0246951
Radium 226, Dissolved	pCi/L	5		<0.2	<0.2	0.9	3.7	4	2	<0.2	3.7	1.2	1.7088007
Thorium 230, Dissolved	pCi/L			<0.2	<0.2	<0.2	0 j	4	3	<0.2	0	0.075	0.05
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			<1	<1	<1	-9.8 j	4	3	<1	-9.8	-2.075	5.15
Polonium 210, Suspended	pCi/L			<1	<1	<1	-0.3 j	4	3	<1	-0.3	0.3	0.4
Radium 226, Suspended	pCi/L	5		2.5	0.5	9	0.2 j	4	0	0.2	9	3.05	4.0959329
Thorium 230, Suspended	pCi/L			1.9	0.3	0.4	1.4	4	0	0.3	1.9	1	0.7788881
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		2.5	NM	NM	NM	1	0	2.5	2.5	2.5	---
Radon 222, Total	pCi/L			NM	819	2170	1250	3	0	819	2170	1413	690.09202
Thorium 230, Total	pCi/L			1.9	NM	NM	NM	1	0	1.9	1.9	1.9	---
Data Quality Parameters													
A/C Balance (± 5)	%			-1.81	-1.35	1.37	6.81	4	0	-1.81	6.81	1.255	3.960282
Anions	meq/l			32.7	34.4	33	33.6	4	0	32.7	34.4	33.425	0.75
Cations	meq/l			31.5	33.5	33.9	38.5	4	0	31.5	38.5	34.35	2.9591665
Solids, Total Dissolved Calculated	mg/L			2110	2230	2160	2290	4	0	2110	2290	2197.5	78.898669
TDS Balance (0.80 - 1.20)	dec. %			1.19	1.15	1.18	1.09	4	0	1.09	1.19	1.1525	0.045

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				680	680	680	680	680	680	680
Month Sampled				Jan-08	Mar-08	Apr-08	May-08	May-08	Jun-08	Jul-08
Date and Time Collected				1/30/2008 1:50:00 PM	3/31/2008 3:15:00 PM	4/21/2008 9:21:00 PM	5/13/2008 4:06:00 PM	5/21/2008 12:50:00 PM	6/10/2008 10:50:00 AM	7/7/2008 1:29:00 PM
Lab ID				R08010296 -001	R08040002 -002	R08040250 -007	R08050199 -001	R08050321 -002	R08060210 -001	R08070115 -002
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result
Field Parameters										
Field Conductivity	umhos/cm			2386	2196	2594	2558	2582	2687	2707
Field Dissolved Oxygen	mg/L			0.04	0.27	0.27	0.07	0.18	NM	NM
Field pH	s.u.		6.5-8.5	7.1	7.05	7.03	6.94	6.91	6.81	6.31
Field Temperature	Deg C			12.59	12.58	12.42	12.97	13.12	13.02	13.2
Field Turbidity	NTUs			0.3	-0.1	3.8	0.6	0.8	NM	0.5
Water Level Elevation	ft AMSL			3662.68	3662.33	3660.88	NM	NM	3660.56	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			2630	2560	2510	2580	2860	3060	2490
Oxidation-Reduction Potential	mV			0	180	280	270	160	130	240
pH, Laboratory	s.u.		6.5-8.5	7.26	7.31	7.56	7.14	7.08	7.32	7.27
Sodium Adsorption Ratio (SAR)	unitless			1.8	1.4	1.4	1.4	1.5	1.5	1.5
Solids, Total Dissolved TDS @ 180 C	mg/L		500	2400	2200	2300	2300	2300	2500	2300
Major Ions										
Alkalinity, Total as CaCO3	mg/L			258	264	262	262	254	188	248
Bicarbonate as HCO3	mg/L			315	322	319	319	310	229	302
Calcium, Dissolved	mg/L			343	353	368	421	406	415	404
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	15	15	11	12	12	12	12
Fluoride	mg/L	4	2	0.3	0.3	0.3	0.3	0.5	0.3	0.4
Magnesium, Dissolved	mg/L			113	111	123	129	133	134	126
Nitrogen, Ammonia as N	mg/L			0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.05	0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			20.7	19.1	19.2	19.5	19.5	19.3	19.4
Silica	mg/L			8.9	8.2	8.3	3.8	4.1	4.4	4.3
Sodium, Dissolved	mg/L			148 d	120	125	126 d	132 d	134 d	131 d
Sulfate, Total	mg/L		250	1420 d	1280 d	1360	1200 d	1370 d	1410	1260 d
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.026	0.008	0.007	0.004	0.004	0.002	0.002
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.1	0.1	0.1	0.2	0.2	0.2	0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.43	0.27	0.25	0.19	0.21	0.06	0.2
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.43	0.4	0.42	0.47	0.48	0.49	0.44
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	0.002
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.172	0.0569	0.0303	0.0213	0.026	0.0227	0.0186
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	0.02	<0.01	0.01	<0.01	0.01	<0.01
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		0.0008	<0.0003	<0.0003	0.0004	<0.0003	<0.0003	<0.0003
Metals, Total										
Antimony, Total	mg/L	0.006		NM	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	0.009	0.006	0.005	0.004	0.005 d	0.004
Barium, Total	mg/L	2		NM	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001
Boron, Total	mg/L			NM	0.1	0.1	0.1	0.1	0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	0.3	0.29	0.34	0.35	0.28	0.31
Lead, Total	mg/L			NM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	0.43	0.44	0.5	0.52	0.48	0.47
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0002
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	NM	NM	NM	<0.0001
Molybdenum, Total	mg/L			NM	<0.1	<0.1	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	7.3	7.3	8.1	8.2	8.1	7.6
Thallium, Total	mg/L	0.002		NM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				680	680	680	680	680	680	680
Month Sampled				Jan-08	Mar-08	Apr-08	May-08	May-08	Jun-08	Jul-08
Date and Time Collected				1/30/2008 1:50:00 PM	3/31/2008 3:15:00 PM	4/21/2008 9:21:00 PM	5/13/2008 4:06:00 PM	5/21/2008 12:50:00 PM	6/10/2008 10:50:00 AM	7/7/2008 1:29:00 PM
Lab ID				R08010296 -001	R08040002 -002	R08040250 -007	R08050199 -001	R08050321 -002	R08060210 -001	R08070115 -002
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result
Uranium, Total	mg/L	0.03		NM	0.0541	0.0291	0.0238	0.0273	0.0244	0.0208
Zinc, Total	mg/L		5	NM	0.02	0.02	0.02	0.01	0.01	<0.01
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		4090	6440	4270	6500	4500	4370	4280
Gross Beta, Dissolved	pCi/L			1330	2320	1390	2250	1530	1320	1090
Gross Gamma, Dissolved	pCi/L			4700	150	1000	940	21000	5700	2300
Lead 210, Dissolved	pCi/L			17	0 j	32	37.7	61.8	15.7	26.5
Polonium 210, Dissolved	pCi/L			1.7	1.5	0.5 j	2	1.5	0.4 j	0.2 j
Radium 226, Dissolved	pCi/L	5		1180	1150	1230	1430	1240	1410	1280
Thorium 230, Dissolved	pCi/L			<0.2	0.2	0.3	0.1 j	0.1 j	0 j	0 j
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			<1	-2 j	-1 j	20.3 j	6.8 j	12	1.2 j
Polonium 210, Suspended	pCi/L			<1	0.5 j	0.3 j	9.1	1.1	1.3	1.7
Radium 226, Suspended	pCi/L	5		12.7	1.9	1.6	13.2	1	4.4	5
Thorium 230, Suspended	pCi/L			0.3	0.2	0.3	0.4	0 j	0.1 j	0.1 j
Radionuclides, Total										
Radon 222, Total	pCi/L			143000	71800	81000	151000	359000	91700	72000
Data Quality Parameters										
A/C Balance (± 5)	%			-2.45	0.26	0.77	10.2	5.04	6.54	7.57
Anions	meq/l			35.2	32.4	33.9	30.6	33.9	33.4	31.6
Cations	meq/l			33.5	32.5	34.5	37.6	37.5	38.1	36.8
Solids, Total Dissolved Calculated	mg/L			2210	2080	2190	2080	2240	2250	2120
TDS Balance (0.80 - 1.20)	dec. %			1.09	1.05	1.04	1.11	1.04	1.1	1.1

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				680	680	680	680	680	680	680
Month Sampled				Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09
Date and Time Collected				8/20/2008 10:23:00 AM	9/22/2008 11:18:00 AM	10/20/2008 12:05:00 PM	11/18/2008 10:25:00 AM	12/17/2008 1:50:00 PM	1/20/2009 3:25:00 PM	2/24/2009 1:35:00 PM
Lab ID				R08080332 -002	R08090314 -001	R08100295 -003	R08110211 -005	R08120255 -007	R09010301 -011	R09020293 -007
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result
Field Parameters										
Field Conductivity	umhos/cm			2457	2456	2600	2700	3000	2700	2500
Field Dissolved Oxygen	mg/L			NM	0.76	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	6.81	6.85	6.89	6.93	7.03	7.02	7.18
Field Temperature	Deg C			13.11	12.78	13	12.8	11.8	12.3	12.7
Field Turbidity	NTUs			4.7	4.7	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			3661.66	3660.76	3660.58	3661.77	3660.98	3660.83	3660.98
Physical Properties										
Conductivity @ 25 C	umhos/cm			2920	2440	2660	2470	2510	2480	2530
Oxidation-Reduction Potential	mV			230	110	210	290	240	260	140
pH, Laboratory	s.u.		6.5-8.5	7.65	7.24	7.6	7.86	7.23	7.12	7.16
Sodium Adsorption Ratio (SAR)	unitless			1.5	1.6	1.6	1.6	1.7	1.7	1.7
Solids, Total Dissolved TDS @ 180 C	mg/L		500	2300	2300	2100	2300	2300	2200	2300
Major Ions										
Alkalinity, Total as CaCO3	mg/L			160	252	338	250	252	252	250
Bicarbonate as HCO3	mg/L			195	307	412	305	307	307	305
Calcium, Dissolved	mg/L			395	402	382	389	396	358	365 d
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	13	12	14	14	13	13	13
Fluoride	mg/L	4	2	0.4	0.4	0.2	0.2	0.2	0.5	0.5
Magnesium, Dissolved	mg/L			129	128	123	123	128	117	121
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			18.8	19.4	18.8	19.2	19.3	19.8	19.2
Silica	mg/L			3.8	8.7	8.4	8.4	9.4	8.7	8.6
Sodium, Dissolved	mg/L			138 d	144	141 d	145 d	151 d	145	145
Sulfate, Total	mg/L		250	1430 d	1400 d	1380 d	1330 d	1310 d	1370 d	1400 d
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.002	0.002	0.001	0.002	<0.001	<0.001	0.002
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.1	0.1	0.1	0.1	0.2	<0.1	0.2
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.2	0.24	0.07	0.12	0.05	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.46	0.46	0.41	0.43	0.49	0.47	0.44
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0188	0.0191	0.0176	0.0196	0.0199	0.0205	0.0185
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	0.0003	0.0003	<0.0003	<0.0009	<0.0003	<0.0003
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.005 d	0.002	0.007 l	0.002	0.001	0.001	0.002
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.003	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			0.1	0.1	0.1	0.1	0.1	0.1	0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.31	0.33	0.29	0.28	0.35	0.3 d	0.24
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.46	0.46	0.44	0.43	0.44	0.46	0.44
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	NM	NM	NM	NM
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.003	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	<0.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			7.2	7.3	7.2	7	7.2	7.1	7.2
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				680	680	680	680	680	680	680
Month Sampled				Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09
Date and Time Collected				8/20/2008 10:23:00 AM	9/22/2008 11:18:00 AM	10/20/2008 12:05:00 PM	11/18/2008 10:25:00 AM	12/17/2008 1:50:00 PM	1/20/2009 3:25:00 PM	2/24/2009 1:35:00 PM
Lab ID				R08080332 -002	R08090314 -001	R08100295 -003	R08110211 -005	R08120255 -007	R09010301 -011	R09020293 -007
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result
Uranium, Total	mg/L	0.03		0.018 d	0.0177 d	0.021	0.0174	0.0203	0.022	0.0206
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		4330	5470	4200	4410	5140	6730	5140
Gross Beta, Dissolved	pCi/L			1190	2290	1190	1840	2070	1790	1210
Gross Gamma, Dissolved	pCi/L			3200	820	4400	1200	1500	1700	1000
Lead 210, Dissolved	pCi/L			15.2	14.3	18.2	9.3	6.4	5.4	10.6
Polonium 210, Dissolved	pCi/L			0.6 j	0.2 j	0.3 j	1 j	0.7 j	0.53 j	0.069 j
Radium 226, Dissolved	pCi/L	5		1270	1440	1190	1430	1110	1360	1330
Thorium 230, Dissolved	pCi/L			0.2 j	<0.2	0 j	0.1 j	0 j	0 j	-0.009 j
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			-4 j	4.5 j	4.1 j	-0.5 j	5.9 j	6.2 j	4.1 j
Polonium 210, Suspended	pCi/L			1 j	0.54 j	1.4	0.88	2.8	2	0.64
Radium 226, Suspended	pCi/L	5		2.1	5.1	6.9	1.7	13.1	13.3	6.4
Thorium 230, Suspended	pCi/L			0.2 j	0 j	-0.1 j	0.1 j	-0.3 j	-0.2 j	0.03 j
Radionuclides, Total										
Radon 222, Total	pCi/L			112000	72700	74300	86200	62200	48000	56800
Data Quality Parameters										
A/C Balance (± 5)	%			5.11	3.94	-0.23	4.57	6.75	0.67	0.76
Anions	meq/l			33.2	34.6	36	33.2	32.7	33.9	34.4
Cations	meq/l			36.8	37.4	35.8	36.3	37.4	34.3	35
Solids, Total Dissolved Calculated	mg/L			2230	2280	2290	2200	2190	2190	2230
TDS Balance (0.80 - 1.20)	dec. %			1.03	1	0.91	1.05	1.05	0.99	1.04

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

Dewey-Burdock Hydro ID				Summary Statistics for Hydro ID 680					
Month Sampled									
Date and Time Collected									
Lab ID									
Analyte	Units	Federal MCL	Secondary Standard	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters									
Field Conductivity	umhos/cm			14	0	2196	3000	2580.2143	187.25925
Field Dissolved Oxygen	mg/L			6	0	0.04	0.76	0.265	0.2611322
Field pH	s.u.		6.5-8.5	14	0	6.31	7.18	6.9185714	0.2063924
Field Temperature	Deg C			14	0	11.8	13.2	12.742143	0.3849311
Field Turbidity	NTUs			8	0	-0.1	4.7	1.9125	2.0945081
Water Level Elevation	ft AMSL			11	0	3660.56	3662.68	3661.2736	0.7257999
Physical Properties									
Conductivity @ 25 C	umhos/cm			14	0	2440	3060	2621.4286	190.49963
Oxidation-Reduction Potential	mV			14	0	0	290	195.71429	81.118554
pH, Laboratory	s.u.		6.5-8.5	14	0	7.08	7.86	7.3428571	0.2329552
Sodium Adsorption Ratio (SAR)	unitless			14	0	1.4	1.8	1.5642857	0.1277446
Solids, Total Dissolved TDS @ 180 C	mg/L		500	14	0	2100	2500	2292.8571	91.687477
Major Ions									
Alkalinity, Total as CaCO3	mg/L			14	0	160	338	249.28571	39.47819
Bicarbonate as HCO3	mg/L			14	0	195	412	303.85714	48.145384
Calcium, Dissolved	mg/L			14	0	343	421	385.5	24.39341
Carbonate as CO3	mg/L			14	14	<5	<5	<5	<5
Chloride	mg/L		250	14	0	11	15	12.928571	1.2066665
Fluoride	mg/L	4	2	14	0	0.2	0.5	0.3428571	0.108941
Magnesium, Dissolved	mg/L			14	0	111	134	124.14286	6.8932201
Nitrogen, Ammonia as N	mg/L			14	13	<0.1	0.2	0.0607143	0.0400892
Nitrogen, Nitrate as N	mg/L	10		14	13	<0.05	0.1	0.0517857	0.0153932
Nitrogen, Nitrite as N	mg/L	1		14	14	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			14	0	18.8	20.7	19.371429	0.4648053
Silica	mg/L			14	0	3.8	9.4	7	2.2820369
Sodium, Dissolved	mg/L			14	0	120	151	137.5	9.5896579
Sulfate, Total	mg/L		250	14	0	1200	1430	1351.4286	67.465905
Metals, Dissolved									
Aluminum, Dissolved	mg/L		0.05-0.2	14	14	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		14	2	<0.001	0.026	0.0045	0.0065809
Barium, Dissolved	mg/L	2		14	14	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			14	1	<0.1	0.2	0.1321429	0.0540909
Cadmium, Dissolved	mg/L	0.005		14	14	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		14	14	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	14	14	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	14	2	<0.03	0.43	0.1657143	0.1175038
Lead, Dissolved	mg/L			14	14	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	14	0	0.4	0.49	0.4492857	0.0292112
Mercury, Dissolved	mg/L	0.002		14	14	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			14	14	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			14	14	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		14	13	<0.001	0.002	0.0008929	0.0007888
Silver, Dissolved	mg/L		0.1	14	14	<0.005	<0.01	<0.01	<0.01
Thorium 232, Dissolved	mg/L			14	14	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		14	0	0.0176	0.172	0.0344143	0.0408755
Vanadium, Dissolved	mg/L			14	14	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	14	10	<0.01	0.02	0.0071429	0.0042582
Metals, Dissolved, Speciated									
Selenium-IV, Dissolved	mg/L			14	14	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			14	13	<0.001	0.002	0.0006071	0.0004009
Metals, Suspended									
Uranium, Suspended	mg/L	0.03		14	10	<0.0003	0.0008	0.0002571	0.000188
Metals, Total									
Antimony, Total	mg/L	0.006		13	13	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		13	0	0.001	0.009	0.0040769	0.0024311
Barium, Total	mg/L	2		13	13	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		13	13	<0.001	<0.003	<0.003	<0.003
Boron, Total	mg/L			13	1	<0.1	0.1	0.0961538	0.0138675
Cadmium, Total	mg/L	0.005		13	13	<0.001	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		13	13	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	13	13	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	13	0	0.24	0.35	0.3053846	0.0315213
Lead, Total	mg/L			13	13	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	13	0	0.43	0.52	0.4592308	0.0275262
Mercury, Total	mg/L	0.002		14	14	<0.0001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			13	13	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			13	13	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		13	13	<0.001	<0.005	<0.005	<0.005
Silver, Total	mg/L		0.1	13	13	<0.005	<0.02	<0.02	<0.02
Strontium, Total	mg/L			13	0	7	8.2	7.4461538	0.4155626
Thallium, Total	mg/L	0.002		13	13	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID Month Sampled Date and Time Collected Lab ID				Summary Statistics for Hydro ID 680					
Analyte	Units	Federal MCL	Secondary Standard	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		13	0	0.0174	0.0541	0.0243462	0.0096146
Zinc, Total	mg/L		5	13	7	<0.01	0.02	0.0096154	0.0062788
Radionuclides, Dissolved									
Gross Alpha, Dissolved	pCi/L	15		14	0	4090	6730	4990.7143	942.12088
Gross Beta, Dissolved	pCi/L			14	0	1090	2320	1629.2857	453.04889
Gross Gamma, Dissolved	pCi/L			14	0	150	21000	3543.5714	5297.546
Lead 210, Dissolved	pCi/L			14	0	0	61.8	19.292857	15.997618
Polonium 210, Dissolved	pCi/L			14	0	0.069	2	0.7999286	0.6292401
Radium 226, Dissolved	pCi/L	5		14	0	1110	1440	1289.2857	112.07582
Thorium 230, Dissolved	pCi/L			14	2	<0.2	0.3	0.0850714	0.0955796
Radionuclides, Suspended									
Lead 210, Suspended	pCi/L			14	1	<1	20.3	4.15	6.2712715
Polonium 210, Suspended	pCi/L			14	1	<1	9.1	1.6971429	2.2385003
Radium 226, Suspended	pCi/L	5		14	0	1	13.3	6.3142857	4.7978933
Thorium 230, Suspended	pCi/L			14	0	-0.3	0.4	0.0807143	0.1960559
Radionuclides, Total									
Radon 222, Total	pCi/L			14	0	48000	359000	105835.71	78839.004
Data Quality Parameters									
A/C Balance (± 5)	%			14	0	-2.45	10.2	3.5357143	3.6196658
Anions	meq/l			14	0	30.6	36	33.5	1.406031
Cations	meq/l			14	0	32.5	38.1	35.964286	1.7358692
Solids, Total Dissolved Calculated	mg/L			14	0	2080	2290	2198.5714	65.616267
TDS Balance (0.80 - 1.20)	dec. %			14	0	0.91	1.11	1.0428571	0.0525399

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL
Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				681	681	681	681	681	681
Month Sampled				Jan-08	Mar-08	Apr-08	May-08	May-08	Jun-08
Date and Time Collected				1/30/2008 3:40:00 PM	3/30/2008 5:50:00 PM	4/21/2008 8:06:00 PM	5/12/2008 12:45:00 PM	5/18/2008 11:18:00 AM	6/25/2008 5:30:00 PM
Lab ID				R08010296 -002	R08030315 -008	R08040250 -006	R08050143 -001	R08050229 -001	R08060452 -003
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result
Field Parameters									
Field Conductivity	umhos/cm			1203	1176	1350	1341	1283	1362
Field Dissolved Oxygen	mg/L			0.57	0.14	0.3	0.27	0.09	NM
Field pH	s.u.		6.5-8.5	7.81	7.71	7.75	7.71	7.62	7.76
Field Temperature	Deg C			14.32	14.5	14.62	15.5	16.08	14.54
Field Turbidity	NTUs			0.2	0	3.8	0.7	0.8	0.1
Water Level Elevation	ft AMSL			3641.22	NM	NM	3644.75	NM	3642.95
Physical Properties									
Conductivity @ 25 C	umhos/cm			1320	1320	1330	1390	1500	1390
Oxidation-Reduction Potential	mV			0	170	280	240	220	140
pH, Laboratory	s.u.		6.5-8.5	7.98	7.8	8.02	7.91	8.15	7.99
Sodium Adsorption Ratio (SAR)	unitless			5.4	5.4	5.5	5.6	5.8	5.7
Solids, Total Dissolved TDS @ 180 C	mg/L		500	930	910	940	900	890	880
Major Ions									
Alkalinity, Total as CaCO3	mg/L			174	172	172	174	180	170
Bicarbonate as HCO3	mg/L			212	210	210	212	219	207
Calcium, Dissolved	mg/L			60.3	59.9	62	65.5	68.4	62.3
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	13	17	13	15	16	15
Fluoride	mg/L	4	2	0.4	0.4	0.4	0.6	0.5	0.4
Magnesium, Dissolved	mg/L			22.3	23.9	25	25.1	25.5	24
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.05	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			10.3	9.2	10	9.6	9.6	9.7
Silica	mg/L			8.1	7.2	7.2	4	4.3	3.9
Sodium, Dissolved	mg/L			192 d	197	204	212 d	221 d	210 d
Sulfate, Total	mg/L		250	498 d	478 d	466	449 d	465 d	449
Metals, Dissolved									
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.003	0.002	0.002	0.002	0.002	0.002
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			0.004	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.09	0.08	0.09	0.1	0.1	0.08
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.005	<0.001	<0.001	<0.005	<0.005	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0117	0.0092	0.0098	0.0095	0.0096	0.0097
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	0.01	<0.01	<0.01
Metals, Dissolved, Speciated									
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended									
Uranium, Suspended	mg/L	0.03		0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total									
Antimony, Total	mg/L	0.006		NM	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	0.005 d	0.002	0.003	0.004	0.001
Barium, Total	mg/L	2		NM	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	<0.005	<0.005	<0.001	<0.001	<0.005
Chromium, Total	mg/L	0.1		NM	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	<0.03	<0.03	0.04	0.05	0.04
Lead, Total	mg/L			NM	<0.001	<0.001	<0.001	<0.001	0.013 d
Manganese, Total	mg/L		0.05	NM	0.08	0.09	0.1	0.09	0.08
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0002
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	NM	NM	NM
Molybdenum, Total	mg/L			NM	<0.1	<0.1	<0.01	<0.01	<0.1
Nickel, Total	mg/L			NM	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	<0.001	<0.001	<0.001	<0.001	0.002 d
Silver, Total	mg/L		0.1	NM	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	1.2	1.2	1.3	1.3	1.1
Thallium, Total	mg/L	0.002		NM	<0.001	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				681	681	681	681	681	681
Month Sampled				Jan-08	Mar-08	Apr-08	May-08	May-08	Jun-08
Date and Time Collected				1/30/2008 3:40:00 PM	3/30/2008 5:50:00 PM	4/21/2008 8:06:00 PM	5/12/2008 12:45:00 PM	5/18/2008 11:18:00 AM	6/25/2008 5:30:00 PM
Lab ID				R08010296 -002	R08030315 -008	R08040250 -006	R08050143 -001	R08050229 -001	R08060452 -003
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result
Uranium, Total	mg/L	0.03		NM	0.0099	0.0102	0.0104	0.0108	0.0102
Zinc, Total	mg/L		5	NM	<0.01	<0.01	<0.01	0.01	<0.01
Radionuclides, Dissolved									
Gross Alpha, Dissolved	pCi/L	15		656	2170	1400	2220	1220	1390
Gross Beta, Dissolved	pCi/L			226	659	430	675	304	364
Gross Gamma, Dissolved	pCi/L			13000	2300	3400	290	6600	210
Lead 210, Dissolved	pCi/L			46	0 j	49.9	40.5	38.2	42.2
Polonium 210, Dissolved	pCi/L			2.6	0.6 j	3.5	1.6	1.2	0.7 j
Radium 226, Dissolved	pCi/L	5		421	414	377	407	423	434
Thorium 230, Dissolved	pCi/L			<0.2	0.3	0 j	0 j	0.1 j	0 j
Radionuclides, Suspended									
Lead 210, Suspended	pCi/L			1.7	16.8	16.7	20.8	20.2	6.2 j
Polonium 210, Suspended	pCi/L			1.6	1.2	0 j	2.4	3.2	1.4
Radium 226, Suspended	pCi/L	5		9.9	3.5	0.2 j	1.8	1.6	0.7
Thorium 230, Suspended	pCi/L			<0.2	0.2 j	0.2 j	0.7	0.1 j	0 j
Radionuclides, Total									
Radon 222, Total	pCi/L			462000	254000	253000	246	462000	389000
Data Quality Parameters									
A/C Balance (± 5)	%			-2.72	-0.5	2.67	5.47	5.53	4.51
Anions	meq/l			14.2	13.9	13.5	13.3	13.8	13.2
Cations	meq/l			13.5	13.8	14.3	14.8	15.4	14.5
Solids, Total Dissolved Calculated	mg/L			901	908	903	891	926	883
TDS Balance (0.80 - 1.20)	dec. %			1.03	1.01	1.04	1.01	0.97	0.99

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				681	681	681	681	681	681
Month Sampled				Jul-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08
Date and Time Collected				7/1/2008 4:54:00 PM	7/14/2008 5:04:00 PM	8/19/2008 7:08:00 PM	9/23/2008 1:55:00 PM	10/20/2008 3:00:00 PM	11/18/2008 1:55:00 PM
Lab ID				R08070035 -005	R08070244 -009	R08080301 -004	R08090356 -002	R08100295 -009	R08110211 -012
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result
Field Parameters									
Field Conductivity	umhos/cm			1373	1371	1271	1410	1380	1390
Field Dissolved Oxygen	mg/L			0.07	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	7.45	7.75	7.26	7.71	7.71	7.69
Field Temperature	Deg C			14.66	14.82	14.96	15.2	14.3	14.8
Field Turbidity	NTUs			-0.1	4.9	4.6	NM	NM	NM
Water Level Elevation	ft AMSL			3642	3643.94	3644.88	3643.87	3641.56	3645.48
Physical Properties									
Conductivity @ 25 C	umhos/cm			1230	1380	1450	1020	1380	1270
Oxidation-Reduction Potential	mV			220	150	160	210	210	280
pH, Laboratory	s.u.		6.5-8.5	7.85	7.85	8.01	7.84	8.06	8.16
Sodium Adsorption Ratio (SAR)	unitless			5.7	5.9	5.9	5.7	6	5.9
Solids, Total Dissolved TDS @ 180 C	mg/L		500	920	920	920	890	880	900
Major Ions									
Alkalinity, Total as CaCO3	mg/L			174	172	172	174	176	172
Bicarbonate as HCO3	mg/L			212	210	210	212	215	210
Calcium, Dissolved	mg/L			67.4	60.6	66.5	65	61.4	64.7
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	16	17	16	16	17	16
Fluoride	mg/L	4	2	0.5	0.6	0.5	0.5	0.4	0.4
Magnesium, Dissolved	mg/L			25.8	24.3	24.7	24.6	23.2	24.5
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			9.7	13.7	9.8	9.3	9.5	9.7
Silica	mg/L			4.4	1.9	3.9	8.5	8.5	8.7
Sodium, Dissolved	mg/L			218 d	214 d	222 d	212	216 d	218 d
Sulfate, Total	mg/L		250	457	619	489 d	515 d	491 d	478 d
Metals, Dissolved									
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.002	0.002	0.002	0.002	0.003	0.002
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.09	0.09	0.09	0.07	0.08	0.08
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0094	0.0097	0.01	0.0093	0.0094	0.0098
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated									
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended									
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total									
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		<0.002	0.024	0.001	0.002	0.003	0.002
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.04	0.06	0.06	0.07	0.06	0.06
Lead, Total	mg/L			0.006 d	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.08	0.09	0.09	0.08	0.08	0.09
Mercury, Total	mg/L	0.002		<0.0002	<0.0002	<0.001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		<0.0001	NM	NM	NM	NM	NM
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.002	0.002 d	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			1.2	1.3	1.2	1.2	1.2	1.1
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				681	681	681	681	681	681
Month Sampled				Jul-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08
Date and Time Collected				7/1/2008 4:54:00 PM	7/14/2008 5:04:00 PM	8/19/2008 7:08:00 PM	9/23/2008 1:55:00 PM	10/20/2008 3:00:00 PM	11/18/2008 1:55:00 PM
Lab ID				R08070035 -005	R08070244 -009	R08080301 -004	R08090356 -002	R08100295 -009	R08110211 -012
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result
Uranium, Total	mg/L	0.03		0.0092	0.0104	0.0037	0.0098	0.0102	0.0087
Zinc, Total	mg/L		5	0.09 d	<0.01	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved									
Gross Alpha, Dissolved	pCi/L	15		1180	2170	1430	1180	1440	1850
Gross Beta, Dissolved	pCi/L			326	583	423	264	412	605
Gross Gamma, Dissolved	pCi/L			1500	13000	2800	1200	22000	2100
Lead 210, Dissolved	pCi/L			30	26.3	32.2	28.3	22.6	29
Polonium 210, Dissolved	pCi/L			0.7 j	3.1	3.7	0.8 j	5.1	2.9
Radium 226, Dissolved	pCi/L	5		357	418	362	445	356	398
Thorium 230, Dissolved	pCi/L			0 j	0.1 j	0 j	0 j	0.1 j	0.1 j
Radionuclides, Suspended									
Lead 210, Suspended	pCi/L			5.3 j	3.7 j	-1 j	4.9 j	18	10.8
Polonium 210, Suspended	pCi/L			1.5	0.9 j	0.6 j	0.88	1.5	2.2
Radium 226, Suspended	pCi/L	5		1.3	0.6 j	0.8	0.9	1.3	0.08 j
Thorium 230, Suspended	pCi/L			-0.1 j	0.1 j	0 j	0.1 j	-0.2 j	0 j
Radionuclides, Total									
Radon 222, Total	pCi/L			281000	244000	318000	304000	344000	335000
Data Quality Parameters									
A/C Balance (± 5)	%			6.24	-0.02	4.01	0.19	1.42	3.94
Anions	meq/l			13.4	14.7	14.1	14.7	14.2	13.9
Cations	meq/l			15.2	14.7	15.3	14.7	14.6	15
Solids, Total Dissolved Calculated	mg/L			910	955	942	969	947	939
TDS Balance (0.80 - 1.20)	dec. %			1.01	0.96	0.98	0.92	0.93	0.96

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				681	681	681	Summary Statistics for Hydro ID 681					
Month Sampled				Dec-08	Jan-08	Feb-08						
Date and Time Collected				12/17/2008 10:48:00 AM	1/20/2009 12:50:00 PM	2/24/2009 4:18:00 PM						
Lab ID				R08120255 -002	R09010301 -007	R09020293 -011						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters												
Field Conductivity	umhos/cm			1410	1400	1360	15	0	1176	1410	1338.67	72.792922
Field Dissolved Oxygen	mg/L			NM	NM	NM	6	0	0.07	0.57	0.24	0.1869759
Field pH	s.u.		6.5-8.5	7.76	7.9	7.84	15	0	7.26	7.9	7.70	0.157338
Field Temperature	Deg C			12.2	13.3	14.3	15	0	12.2	16.08	14.54	0.8964374
Field Turbidity	NTUs			NM	NM	NM	9	0	-0.1	4.9	1.67	2.1154196
Water Level Elevation	ft AMSL			3645.94	3645.48	3658.86	12	0	3641.22	3658.86	3645.08	4.6237905
Physical Properties												
Conductivity @ 25 C	umhos/cm			1260	1310	1300	15	0	1020	1500	1323.33	110.49671
Oxidation-Reduction Potential	mV			290	270	140	15	0	0	290	198.67	75.863286
pH, Laboratory	s.u.		6.5-8.5	7.82	7.85	7.83	15	0	7.8	8.16	7.94	0.1205859
Sodium Adsorption Ratio (SAR)	unitless			5.9	6.2	5.4	15	0	5.4	6.2	5.73	0.2410295
Solids, Total Dissolved TDS @ 180 C	mg/L		500	900	940	900	15	0	880	940	908.00	19.712215
Major Ions												
Alkalinity, Total as CaCO3	mg/L			170	170	174	15	0	170	180	173.07	2.6040262
Bicarbonate as HCO3	mg/L			207	207	212	15	0	207	219	211.00	3.1396087
Calcium, Dissolved	mg/L			62.9	53.6	63 d	15	0	53.6	68.4	62.90	3.6726791
Carbonate as CO3	mg/L			<5	<5	<5	15	15	<5	<5	<5	<5
Chloride	mg/L		250	15	13	13	15	0	13	17	15.20	1.5212777
Fluoride	mg/L	4	2	0.4	0.6	0.5	15	0	0.4	0.6	0.47	0.0798809
Magnesium, Dissolved	mg/L			23.9	20.9	24.4	15	0	20.9	25.8	24.14	1.2511709
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	15	15	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	15	15	<0.05	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	15	15	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			9.7	10	10.3	15	0	9.2	13.7	10.01	1.06802
Silica	mg/L			9.3	7.8	7.9	15	0	1.9	9.3	6.37	2.3575007
Sodium, Dissolved	mg/L			215 d	213	200	15	0	192	222	210.93	8.8758635
Sulfate, Total	mg/L		250	453 d	465 d	479 d	15	0	449	619	483.40	42.031961
Metals, Dissolved												
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	15	15	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	0.002	0.002	15	0	0.001	0.003	0.00	0.0004577
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	15	15	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	15	14	<0.1	0.1	0.05	0.0129099
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	15	15	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	15	15	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	15	15	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	15	15	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	15	14	<0.001	0.004	0.00	0.0009037
Manganese, Dissolved	mg/L		0.05	0.09	0.07	0.08	15	0	0.07	0.1	0.09	0.0091548
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	15	15	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	15	15	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	15	15	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	15	15	<0.001	<0.005	<0.005	<0.005
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	15	15	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	15	15	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0083	0.0081	0.0092	15	0	0.0081	0.0117	0.01	0.0008017
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	15	15	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	15	14	<0.01	0.01	0.01	0.001291
Metals, Dissolved, Speciated												
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	15	15	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	15	15	<0.001	<0.001	<0.001	<0.001
Metals, Suspended												
Uranium, Suspended	mg/L	0.03		<0.0009	<0.0003	<0.0003	15	14	<0.0003	0.001	0.00	0.0002275
Metals, Total												
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	14	14	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.002	0.001	0.002	14	1	<0.002	0.024	0.004	0.0059379
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	14	14	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	14	14	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	<0.2	14	14	<0.1	<0.2	<0.2	<0.2
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	14	14	<0.001	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	14	14	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	14	14	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.09	0.07 d	0.04	14	2	<0.03	0.09	0.05	0.0208342
Lead, Total	mg/L			<0.001	<0.001	<0.001	14	12	<0.001	0.013	0.002	0.0035448
Manganese, Total	mg/L		0.05	0.08	0.07	0.08	14	0	0.07	0.1	0.08	0.0075593
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	15	15	<0.0001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	14	14	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	14	14	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	14	12	<0.001	0.002	0.001	0.000546
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	14	14	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			1.1	1.1	1.2	14	0	1.1	1.3	1.19	0.0730046
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	14	14	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				681	681	681	Summary Statistics for Hydro ID 681					
Month Sampled				Dec-08	Jan-08	Feb-08						
Date and Time Collected				12/17/2008 10:48:00 AM	1/20/2009 12:50:00 PM	2/24/2009 4:18:00 PM						
Lab ID				R08120255 -002	R09010301 -007	R09020293 -011						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		0.0077	0.0084	0.0086	14	0	0.0037	0.0108	0.01	0.001819
Zinc, Total	mg/L		5	<0.01	0.01	<0.01	14	11	<0.01	0.09	0.01	0.0225838
Radionuclides, Dissolved												
Gross Alpha, Dissolved	pCi/L	15		1560	1210	1460	15	0	656	2220	1502.40	435.40208
Gross Beta, Dissolved	pCi/L			526	361	402	15	0	226	675	437.33	141.6856
Gross Gamma, Dissolved	pCi/L			320	190	6000	15	0	190	22000	4994.00	6327.4694
Lead 210, Dissolved	pCi/L			10.7	11.5	37.6	15	0	0	49.9	29.67	13.95491
Polonium 210, Dissolved	pCi/L			4.8	3.8	0.28 j	15	0	0.28	5.1	2.36	1.6217005
Radium 226, Dissolved	pCi/L	5		291	258	336	15	0	258	445	379.80	53.786881
Thorium 230, Dissolved	pCi/L			0.1 j	0.1 j	-0.001 j	15	1	<0.2	0.3	0.07	0.0817084
Radionuclides, Suspended												
Lead 210, Suspended	pCi/L			24.2	2.2 j	25.9	15	0	-1	25.9	11.76	9.0134661
Polonium 210, Suspended	pCi/L			9.2	1.7	2.3	15	0	0	9.2	2.04	2.1334408
Radium 226, Suspended	pCi/L	5		1.5	1.1	1.3	15	0	0.08	9.9	1.77	2.3880153
Thorium 230, Suspended	pCi/L			-0.1 j	0.1 j	0.1 j	15	1	<0.2	0.7	0.09	0.2030717
Radionuclides, Total												
Radon 222, Total	pCi/L			2200	133000	389000	15	0	246	462000	278030	141127.83
Data Quality Parameters												
A/C Balance (± 5)	%			5.22	1.57	0.99	15	0	-2.72	6.24	2.57	2.6724446
Anions	meq/l			13.3	13.5	13.9	15	0	13.2	14.7	13.84	0.4807732
Cations	meq/l			14.7	13.9	14.1	15	0	13.5	15.4	14.57	0.560187
Solids, Total Dissolved Calculated	mg/L			907	899	916	15	0	883	969	919.73	25.305185
TDS Balance (0.80 - 1.20)	dec. %			0.99	1.05	0.98	15	0	0.92	1.05	0.99	0.0375817

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				682	Summary Statistics for Hydro ID 682					
Month Sampled				Jul-08						
Date and Time Collected				7/7/2008 3:22:00 PM						
Lab ID				R08070115 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			2531	1	0	2531	2531	2531	---
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	6.93	1	0	6.93	6.93	6.93	---
Field Temperature	Deg C			13.11	1	0	13.11	13.11	13.11	---
Field Turbidity	NTUs			32	1	0	32	32	32	---
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			2360	1	0	2360	2360	2360	---
Oxidation-Reduction Potential	mV			290	1	0	290	290	290	---
pH, Laboratory	s.u.		6.5-8.5	7.3	1	0	7.3	7.3	7.3	---
Sodium Adsorption Ratio (SAR)	unitless			1.3	1	0	1.3	1.3	1.3	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1800	1	0	1800	1800	1800	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			242	1	0	242	242	242	---
Bicarbonate as HCO3	mg/L			295	1	0	295	295	295	---
Calcium, Dissolved	mg/L			365	1	0	365	365	365	---
Carbonate as CO3	mg/L			<5	1	1	<5	<5	<5	---
Chloride	mg/L		250	12	1	0	12	12	12	---
Fluoride	mg/L	4	2	0.4	1	0	0.4	0.4	0.4	---
Magnesium, Dissolved	mg/L			109	1	0	109	109	109	---
Nitrogen, Ammonia as N	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			22.9	1	0	22.9	22.9	22.9	---
Silica	mg/L			2.1	1	0	2.1	2.1	2.1	---
Sodium, Dissolved	mg/L			113	1	0	113	113	113	---
Sulfate, Total	mg/L		250	1170 d	1	0	1170	1170	1170	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		0.002	1	0	0.002	0.002	0.002	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			0.2	1	0	0.2	0.2	0.2	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	0.51	1	0	0.51	0.51	0.51	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		0.0198	1	0	0.0198	0.0198	0.0198	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Selenium-VI, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		0.0004	1	0	0.0004	0.0004	0.0004	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		0.01	1	0	0.01	0.01	0.01	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	0.01	1	0	0.01	0.01	0.01	---
Iron, Total	mg/L		0.3	1.15	1	0	1.15	1.15	1.15	---
Lead, Total	mg/L			0.001	1	0	0.001	0.001	0.001	---
Manganese, Total	mg/L		0.05	0.55	1	0	0.55	0.55	0.55	---
Mercury, Total	mg/L	0.002		<0.0002	1	1	<0.0002	<0.0002	<0.0002	---
Mercury, Total A3112B	mg/L	0.002		<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		0.002	1	0	0.002	0.002	0.002	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			6.6	1	0	6.6	6.6	6.6	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				682	Summary Statistics for Hydro ID 682					
Month Sampled				Jul-08						
Date and Time Collected				7/7/2008 3:22:00 PM						
Lab ID				R08070115 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		0.0227	1	0	0.0227	0.0227	0.0227	---
Zinc, Total	mg/L		5	0.01	1	0	0.01	0.01	0.01	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		50.3	1	0	50.3	50.3	50.3	---
Gross Beta, Dissolved	pCi/L			14	1	0	14	14	14	---
Gross Gamma, Dissolved	pCi/L			790	1	0	790	790	790	---
Lead 210, Dissolved	pCi/L			2.4 j	1	0	2.4	2.4	2.4	---
Polonium 210, Dissolved	pCi/L			-0.1 j	1	0	-0.1	-0.1	-0.1	---
Radium 226, Dissolved	pCi/L	5		3.4	1	0	3.4	3.4	3.4	---
Thorium 230, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			-9.2 j	1	0	-9.2	-9.2	-9.2	---
Polonium 210, Suspended	pCi/L			0.3 j	1	0	0.3	0.3	0.3	---
Radium 226, Suspended	pCi/L	5		-0.3 j	1	0	-0.3	-0.3	-0.3	---
Thorium 230, Suspended	pCi/L			0.3	1	0	0.3	0.3	0.3	---
Radionuclides, Total										
Radon 222, Total	pCi/L			1380	1	0	1380	1380	1380	---
Data Quality Parameters										
A/C Balance (± 5)	%			5.13	1	0	5.13	5.13	5.13	---
Anions	meq/l			29.5	1	0	29.5	29.5	29.5	---
Cations	meq/l			32.7	1	0	32.7	32.7	32.7	---
Solids, Total Dissolved Calculated	mg/L			1940	1	0	1940	1940	1940	---
TDS Balance (0.80 - 1.20)	dec. %			0.94	1	0	0.94	0.94	0.94	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				684	Summary Statistics for Hydro ID 684					
Month Sampled				Jul-08						
Date and Time Collected				7/7/2008 5:22:00 PM						
Lab ID				R08070115 -004						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			2696	1	0	2696	2696	2696	---
Field Dissolved Oxygen	mg/L			0.32	1	0	0.32	0.32	0.32	---
Field pH	s.u.		6.5-8.5	6.98	1	0	6.98	6.98	6.98	---
Field Temperature	Deg C			13.02	1	0	13.02	13.02	13.02	---
Field Turbidity	NTUs			39.2	1	0	39.2	39.2	39.2	---
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			2510	1	0	2510	2510	2510	---
Oxidation-Reduction Potential	mV			300	1	0	300	300	300	---
pH, Laboratory	s.u.		6.5-8.5	7.43	1	0	7.43	7.43	7.43	---
Sodium Adsorption Ratio (SAR)	unitless			1.5	1	0	1.5	1.5	1.5	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	2200	1	0	2200	2200	2200	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			274	1	0	274	274	274	---
Bicarbonate as HCO3	mg/L			334	1	0	334	334	334	---
Calcium, Dissolved	mg/L			375	1	0	375	375	375	---
Carbonate as CO3	mg/L			<5	1	1	<5	<5	<5	---
Chloride	mg/L		250	11	1	0	11	11	11	---
Fluoride	mg/L	4	2	0.4	1	0	0.4	0.4	0.4	---
Magnesium, Dissolved	mg/L			119	1	0	119	119	119	---
Nitrogen, Ammonia as N	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			24.5	1	0	24.5	24.5	24.5	---
Silica	mg/L			2.7	1	0	2.7	2.7	2.7	---
Sodium, Dissolved	mg/L			127	1	0	127	127	127	---
Sulfate, Total	mg/L		250	1280 d	1	0	1280	1280	1280	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		0.03	1	0	0.03	0.03	0.03	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			0.2	1	0	0.2	0.2	0.2	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	0.47	1	0	0.47	0.47	0.47	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	0.54	1	0	0.54	0.54	0.54	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		0.0667	1	0	0.0667	0.0667	0.0667	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Selenium-VI, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		0.177	1	0	0.177	0.177	0.177	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		0.04	1	0	0.04	0.04	0.04	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			0.1	1	0	0.1	0.1	0.1	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Total	mg/L		0.3	1.68	1	0	1.68	1.68	1.68	---
Lead, Total	mg/L			0.001	1	0	0.001	0.001	0.001	---
Manganese, Total	mg/L		0.05	0.63	1	0	0.63	0.63	0.63	---
Mercury, Total	mg/L	0.002		<0.0002	1	1	<0.0002	<0.0002	<0.0002	---
Mercury, Total A3112B	mg/L	0.002		<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		0.005	1	0	0.005	0.005	0.005	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			7.6	1	0	7.6	7.6	7.6	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				684	Summary Statistics for Hydro ID 684					
Month Sampled				Jul-08						
Date and Time Collected				7/7/2008 5:22:00 PM						
Lab ID				R08070115 -004						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		0.336	1	0	0.336	0.336	0.336	---
Zinc, Total	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		1890	1	0	1890	1890	1890	---
Gross Beta, Dissolved	pCi/L			556	1	0	556	556	556	---
Gross Gamma, Dissolved	pCi/L			1800	1	0	1800	1800	1800	---
Lead 210, Dissolved	pCi/L			29	1	0	29	29	29	---
Polonium 210, Dissolved	pCi/L			5.1	1	0	5.1	5.1	5.1	---
Radium 226, Dissolved	pCi/L	5		543	1	0	543	543	543	---
Thorium 230, Dissolved	pCi/L			0.8	1	0	0.8	0.8	0.8	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			94.6	1	0	94.6	94.6	94.6	---
Polonium 210, Suspended	pCi/L			56	1	0	56	56	56	---
Radium 226, Suspended	pCi/L	5		44.1	1	0	44.1	44.1	44.1	---
Thorium 230, Suspended	pCi/L			65.9	1	0	65.9	65.9	65.9	---
Radionuclides, Total										
Radon 222, Total	pCi/L			234000	1	0	234000	234000	234000	---
Data Quality Parameters										
A/C Balance (± 5)	%			3.15	1	0	3.15	3.15	3.15	---
Anions	meq/l			32.6	1	0	32.6	32.6	32.6	---
Cations	meq/l			34.7	1	0	34.7	34.7	34.7	---
Solids, Total Dissolved Calculated	mg/L			2110	1	0	2110	2110	2110	---
TDS Balance (0.80 - 1.20)	dec. %			1.07	1	0	1.07	1.07	1.07	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL
Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				685	Summary Statistics for Hydro ID 685					
Month Sampled				Jul-08						
Date and Time Collected				7/1/2008 3:48:00 PM						
Lab ID				R08070035-007						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			1349	1	0	1349	1349	1349	---
Field Dissolved Oxygen	mg/L			1.09	1	0	1.09	1.09	1.09	---
Field pH	s.u.		6.5-8.5	7.61	1	0	7.61	7.61	7.61	---
Field Temperature	Deg C			14.93	1	0	14.93	14.93	14.93	---
Field Turbidity	NTUs			-0.4	1	0	-0.4	-0.4	-0.4	---
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			1150	1	0	1150	1150	1150	---
Oxidation-Reduction Potential	mV			240	1	0	240	240	240	---
pH, Laboratory	s.u.		6.5-8.5	7.91	1	0	7.91	7.91	7.91	---
Sodium Adsorption Ratio (SAR)	unitless			5.3	1	0	5.3	5.3	5.3	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	930	1	0	930	930	930	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			162	1	0	162	162	162	---
Bicarbonate as HCO3	mg/L			197	1	0	197	197	197	---
Calcium, Dissolved	mg/L			71.9	1	0	71.9	71.9	71.9	---
Carbonate as CO3	mg/L			<5	1	1	<5	<5	<5	---
Chloride	mg/L		250	11	1	0	11	11	11	---
Fluoride	mg/L	4	2	0.5	1	0	0.5	0.5	0.5	---
Magnesium, Dissolved	mg/L			26.2	1	0	26.2	26.2	26.2	---
Nitrogen, Ammonia as N	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			9.9	1	0	9.9	9.9	9.9	---
Silica	mg/L			4.5	1	0	4.5	4.5	4.5	---
Sodium, Dissolved	mg/L			206 d	1	0	206	206	206	---
Sulfate, Total	mg/L		250	460	1	0	460	460	460	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		0.003	1	0	0.003	0.003	0.003	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	0.09	1	0	0.09	0.09	0.09	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		0.003	1	0	0.003	0.003	0.003	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		0.0057	1	0	0.0057	0.0057	0.0057	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			0.003	1	0	0.003	0.003	0.003	---
Selenium-VI, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		0.005 d	1	0	0.005	0.005	0.005	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Total	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Total	mg/L			<0.003	1	1	<0.003	<0.003	<0.003	---
Manganese, Total	mg/L		0.05	0.08	1	0	0.08	0.08	0.08	---
Mercury, Total	mg/L	0.002		<0.0002	1	1	<0.0002	<0.0002	<0.0002	---
Mercury, Total A3112B	mg/L	0.002		<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		0.005 d	1	0	0.005	0.005	0.005	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			1.2	1	0	1.2	1.2	1.2	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				685	Summary Statistics for Hydro ID 685					
Month Sampled				Jul-08						
Date and Time Collected				7/1/2008 3:48:00 PM						
Lab ID				R08070035-007						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		0.0056	1	0	0.0056	0.0056	0.0056	---
Zinc, Total	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		23.8	1	0	23.8	23.8	23.8	---
Gross Beta, Dissolved	pCi/L			12	1	0	12	12	12	---
Gross Gamma, Dissolved	pCi/L			940	1	0	940	940	940	---
Lead 210, Dissolved	pCi/L			5.9 j	1	0	5.9	5.9	5.9	---
Polonium 210, Dissolved	pCi/L			0.1 j	1	0	0.1	0.1	0.1	---
Radium 226, Dissolved	pCi/L	5		2.3	1	0	2.3	2.3	2.3	---
Thorium 230, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			-1.1 j	1	0	-1.1	-1.1	-1.1	---
Polonium 210, Suspended	pCi/L			0.5 j	1	0	0.5	0.5	0.5	---
Radium 226, Suspended	pCi/L	5		0.3	1	0	0.3	0.3	0.3	---
Thorium 230, Suspended	pCi/L			0.1 j	1	0	0.1	0.1	0.1	---
Radionuclides, Total										
Radon 222, Total	pCi/L			9460	1	0	9460	9460	9460	---
Data Quality Parameters										
A/C Balance (± 5)	%			6.47	1	0	6.47	6.47	6.47	---
Anions	meq/l			13.2	1	0	13.2	13.2	13.2	---
Cations	meq/l			15	1	0	15	15	15	---
Solids, Total Dissolved Calculated	mg/L			896	1	0	896	896	896	---
TDS Balance (0.80 - 1.20)	dec. %			1.04	1	0	1.04	1.04	1.04	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				686	Summary Statistics for Hydro ID 686					
Month Sampled				Jul-08						
Date and Time Collected				7/7/2008 7:03:00 PM						
Lab ID				R08070115 -007						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			1774	1	0	1774	1774	1774	---
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	9.03	1	0	9.03	9.03	9.03	---
Field Temperature	Deg C			13.15	1	0	13.15	13.15	13.15	---
Field Turbidity	NTUs			6.6	1	0	6.6	6.6	6.6	---
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			1720	1	0	1720	1720	1720	---
Oxidation-Reduction Potential	mV			210	1	0	210	210	210	---
pH, Laboratory	s.u.		6.5-8.5	8.68	1	0	8.68	8.68	8.68	---
Sodium Adsorption Ratio (SAR)	unitless			3.2	1	0	3.2	3.2	3.2	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1300	1	0	1300	1300	1300	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			42	1	0	42	42	42	---
Bicarbonate as HCO3	mg/L			51	1	0	51	51	51	---
Calcium, Dissolved	mg/L			150	1	0	150	150	150	---
Carbonate as CO3	mg/L			<5	1	1	<5	<5	<5	---
Chloride	mg/L		250	13	1	0	13	13	13	---
Fluoride	mg/L	4	2	0.3	1	0	0.3	0.3	0.3	---
Magnesium, Dissolved	mg/L			49.5	1	0	49.5	49.5	49.5	---
Nitrogen, Ammonia as N	mg/L			0.6	1	0	0.6	0.6	0.6	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		0.1	1	0	0.1	0.1	0.1	---
Potassium, Dissolved	mg/L			27.7	1	0	27.7	27.7	27.7	---
Silica	mg/L			1.7	1	0	1.7	1.7	1.7	---
Sodium, Dissolved	mg/L			176	1	0	176	176	176	---
Sulfate, Total	mg/L		250	812 d	1	0	812	812	812	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		0.002	1	0	0.002	0.002	0.002	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	0.03	1	0	0.03	0.03	0.03	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		0.002	1	0	0.002	0.002	0.002	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		0.0012	1	0	0.0012	0.0012	0.0012	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Selenium-VI, Dissolved	mg/L			0.002	1	0	0.002	0.002	0.002	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		0.0004	1	0	0.0004	0.0004	0.0004	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Total	mg/L		0.3	0.07	1	0	0.07	0.07	0.07	---
Lead, Total	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Total	mg/L		0.05	0.06	1	0	0.06	0.06	0.06	---
Mercury, Total	mg/L	0.002		<0.0002	1	1	<0.0002	<0.0002	<0.0002	---
Mercury, Total A3112B	mg/L	0.002		<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		0.008	1	0	0.008	0.008	0.008	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			4.4	1	0	4.4	4.4	4.4	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				686	Summary Statistics for Hydro ID 686					
Month Sampled				Jul-08						
Date and Time Collected				7/7/2008 7:03:00 PM						
Lab ID				R08070115 -007						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		0.0072	1	0	0.0072	0.0072	0.0072	---
Zinc, Total	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		11.3	1	0	11.3	11.3	11.3	---
Gross Beta, Dissolved	pCi/L			16.4	1	0	16.4	16.4	16.4	---
Gross Gamma, Dissolved	pCi/L			1000	1	0	1000	1000	1000	---
Lead 210, Dissolved	pCi/L			6.1 j	1	0	6.1	6.1	6.1	---
Polonium 210, Dissolved	pCi/L			0.3 j	1	0	0.3	0.3	0.3	---
Radium 226, Dissolved	pCi/L	5		3.3	1	0	3.3	3.3	3.3	---
Thorium 230, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			-2.3 j	1	0	-2.3	-2.3	-2.3	---
Polonium 210, Suspended	pCi/L			0.4 j	1	0	0.4	0.4	0.4	---
Radium 226, Suspended	pCi/L	5		-0.4 j	1	0	-0.4	-0.4	-0.4	---
Thorium 230, Suspended	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Total										
Radon 222, Total	pCi/L			467	1	0	467	467	467	---
Data Quality Parameters										
A/C Balance (± 5)	%			4.8	1	0	4.8	4.8	4.8	---
Anions	meq/l			18.1	1	0	18.1	18.1	18.1	---
Cations	meq/l			20	1	0	20	20	20	---
Solids, Total Dissolved Calculated	mg/L			1260	1	0	1260	1260	1260	---
TDS Balance (0.80 - 1.20)	dec. %			1	1	0	1	1	1	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

Dewey-Burdock Hydro ID				687	Summary Statistics for Hydro ID 687					
Month Sampled				Jul-08						
Date and Time Collected				7/1/2008 6:02:00 PM						
Lab ID				R08070035-004						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			1295	1	0	1295	1295	1295	---
Field Dissolved Oxygen	mg/L			0.21	1	0	0.21	0.21	0.21	---
Field pH	s.u.		6.5-8.5	7.81	1	0	7.81	7.81	7.81	---
Field Temperature	Deg C			14.08	1	0	14.08	14.08	14.08	---
Field Turbidity	NTUs			NM	NM	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			3641.45	1	0	3641.45	3641.45	3641.45	---
Physical Properties										
Conductivity @ 25 C	umhos/cm			1230	1	0	1230	1230	1230	---
Oxidation-Reduction Potential	mV			220	1	0	220	220	220	---
pH, Laboratory	s.u.		6.5-8.5	7.77	1	0	7.77	7.77	7.77	---
Sodium Adsorption Ratio (SAR)	unitless			5.1	1	0	5.1	5.1	5.1	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	940	1	0	940	940	940	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			184	1	0	184	184	184	---
Bicarbonate as HCO3	mg/L			224	1	0	224	224	224	---
Calcium, Dissolved	mg/L			76.7	1	0	76.7	76.7	76.7	---
Carbonate as CO3	mg/L			<5	1	1	<5	<5	<5	---
Chloride	mg/L		250	11	1	0	11	11	11	---
Fluoride	mg/L	4	2	0.4	1	0	0.4	0.4	0.4	---
Magnesium, Dissolved	mg/L			29.9	1	0	29.9	29.9	29.9	---
Nitrogen, Ammonia as N	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			10.7	1	0	10.7	10.7	10.7	---
Silica	mg/L			4.4	1	0	4.4	4.4	4.4	---
Sodium, Dissolved	mg/L			208 d	1	0	208	208	208	---
Sulfate, Total	mg/L		250	458	1	0	458	458	458	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		0.001	1	0	0.001	0.001	0.001	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	0.11	1	0	0.11	0.11	0.11	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		0.004	1	0	0.004	0.004	0.004	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Selenium-VI, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		<0.002	1	1	<0.002	<0.002	<0.002	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Total	mg/L		0.3	0.11	1	0	0.11	0.11	0.11	---
Lead, Total	mg/L			<0.003	1	1	<0.003	<0.003	<0.003	---
Manganese, Total	mg/L		0.05	0.1	1	0	0.1	0.1	0.1	---
Mercury, Total	mg/L	0.002		<0.0002	1	1	<0.0002	<0.0002	<0.0002	---
Mercury, Total A3112B	mg/L	0.002		<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		<0.002	1	1	<0.002	<0.002	<0.002	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			1.4	1	0	1.4	1.4	1.4	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				687	Summary Statistics for Hydro ID 687					
Month Sampled				Jul-08						
Date and Time Collected				7/1/2008 6:02:00 PM						
Lab ID				R08070035-004						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		0.0042	1	0	0.0042	0.0042	0.0042	---
Zinc, Total	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		114	1	0	114	114	114	---
Gross Beta, Dissolved	pCi/L			33.5	1	0	33.5	33.5	33.5	---
Gross Gamma, Dissolved	pCi/L			1100	1	0	1100	1100	1100	---
Lead 210, Dissolved	pCi/L			3.9 j	1	0	3.9	3.9	3.9	---
Polonium 210, Dissolved	pCi/L			0.6 j	1	0	0.6	0.6	0.6	---
Radium 226, Dissolved	pCi/L	5		25.7	1	0	25.7	25.7	25.7	---
Thorium 230, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			-4 j	1	0	-4	-4	-4	---
Polonium 210, Suspended	pCi/L			0 j	1	0	0	0	0	---
Radium 226, Suspended	pCi/L	5		0.3	1	0	0.3	0.3	0.3	---
Thorium 230, Suspended	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Total										
Radon 222, Total	pCi/L			3380	1	0	3380	3380	3380	---
Data Quality Parameters										
A/C Balance (± 5)	%			7.13	1	0	7.13	7.13	7.13	---
Anions	meq/l			13.6	1	0	13.6	13.6	13.6	---
Cations	meq/l			15.6	1	0	15.6	15.6	15.6	---
Solids, Total Dissolved Calculated	mg/L			918	1	0	918	918	918	---
TDS Balance (0.80 - 1.20)	dec. %			1.02	1	0	1.02	1.02	1.02	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				688	688	688	688	688	688
Month Sampled				Apr-08	Apr-08	Jun-08	Jun-08	Jul-08	Jul-08
Date and Time Collected				4/2/2008 6:07:00 PM	4/22/2008 1:26:00 PM	6/10/2008 4:37:00 PM	6/30/2008 6:39:00 PM	7/7/2008 6:49:00 PM	7/28/2008 3:45:00 PM
Lab ID				R08040058 -001	R08040287 -002	R08060210 -002	R08070005 -002	R08070115 -006	R08070471 -001
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result
Field Parameters									
Field Conductivity	umhos/cm			1059	1096	1259	1212	1274	1394
Field Dissolved Oxygen	mg/L			2.12	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	9.21	9.68	8.35	8.49	8.37	8.45
Field Temperature	Deg C			12.23	11.96	12.35	12.85	12.33	12.46
Field Turbidity	NTUs			2	5.8	NM	3.8	9.3	6.1
Water Level Elevation	ft AMSL			NM	3662.22	3669.41	3662.01	NM	3662.68
Physical Properties									
Conductivity @ 25 C	umhos/cm			1180	1070	1260	1140	1170	1280
Oxidation-Reduction Potential	mV			110	280	180	220	240	290
pH, Laboratory	s.u.		6.5-8.5	10.3	9.15	8.82	8.6	8.33	8.21
Sodium Adsorption Ratio (SAR)	unitless			7.6	5.9	6.9	6.2	5.4	5.5
Solids, Total Dissolved TDS @ 180 C	mg/L		500	690	690	740	770	780	790
Major Ions									
Alkalinity, Total as CaCO3	mg/L			98	90	100	136	160	160
Bicarbonate as HCO3	mg/L			12	76	107	156	190	195
Calcium, Dissolved	mg/L			25.8	50.1	34.1	40.4	49.3	50
Carbonate as CO3	mg/L			53	17	7	<5	<5	<5
Chloride	mg/L		250	13	10	11	11	11	11
Fluoride	mg/L	4	2	0.4	0.5	0.5	0.6	0.5	0.5
Magnesium, Dissolved	mg/L			13.6	20.5	16.6	19.2	20	21.1
Nitrogen, Ammonia as N	mg/L			0.5	0.1	0.1	0.2	0.1	0.2
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			16.8	12.2	12.5	12.9	15.6	12
Silica	mg/L			7.9	3.7	3.7	3.8	1.9	4.1
Sodium, Dissolved	mg/L			193	197 d	195 d	191 d	177	183 d
Sulfate, Total	mg/L		250	428 d	390	398	407 d	413 d	445 d
Metals, Dissolved									
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	0.002	0.001	0.002	0.001	0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	0.04	<0.03	0.03	0.05
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	<0.01	0.06	0.02	0.02	0.04	0.04
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated									
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended									
Uranium, Suspended	mg/L	0.03		<0.0008	0.0147	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total									
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.002	0.002	<0.002	0.003 d	0.003	0.015
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.07	0.05	0.15	0.08	0.18	0.14
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.003	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.03	0.01	0.01	0.02	0.04	0.05
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.0002
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	NM	<0.0001	NM
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	0.003 d	<0.001	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			1.2	1.2	1.1	1.1	1.4	1.2
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				688	688	688	688	688	688
Month Sampled				Apr-08	Apr-08	Jun-08	Jun-08	Jul-08	Jul-08
Date and Time Collected				4/2/2008 6:07:00 PM	4/22/2008 1:26:00 PM	6/10/2008 4:37:00 PM	6/30/2008 6:39:00 PM	7/7/2008 6:49:00 PM	7/28/2008 3:45:00 PM
Lab ID				R08040058 -001	R08040287 -002	R08060210 -002	R08070005 -002	R08070115 -006	R08070471 -001
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result
Uranium, Total	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved									
Gross Alpha, Dissolved	pCi/L	15		2.9	10.1	17.3	13.2	29.8	3.9
Gross Beta, Dissolved	pCi/L			8.8	16.9	17.1	16.5	14.1	14.3
Gross Gamma, Dissolved	pCi/L			0 j	0 j	0 j	1000	990	950
Lead 210, Dissolved	pCi/L			0 j	-2.7 j	-0.5 j	-0.1 j	-0.4 j	-6 j
Polonium 210, Dissolved	pCi/L			1	1.9	0 j	0 j	0.9 j	0.2 j
Radium 226, Dissolved	pCi/L	5		0.3	1.2	2.5	0.6	6.7	0.6
Thorium 230, Dissolved	pCi/L			0 j	0 j	0 j	0 j	0 j	0.1 j
Radionuclides, Suspended									
Lead 210, Suspended	pCi/L			-0.4 j	-0.1 j	4.8 j	-2.3 j	-6 j	-0.6 j
Polonium 210, Suspended	pCi/L			1	0.4 j	0.2 j	0.3 j	0.1 j	0 j
Radium 226, Suspended	pCi/L	5		0.9	0.02 j	-0.3 j	-0.3 j	-0.3 j	-0.4 j
Thorium 230, Suspended	pCi/L			0.7	15.9	0.1 j	0 j	0.1 j	0.2 j
Radionuclides, Total									
Radon 222, Total	pCi/L			608 h	307	749	426	227	1160
Data Quality Parameters									
A/C Balance (± 5)	%			-0.06	12.1	5.73	3.05	0.43	-1.16
Anions	meq/l			11.3	10.2	10.6	11.5	12.1	12.8
Cations	meq/l			11.3	13.1	11.9	12.3	12.2	12.5
Solids, Total Dissolved Calculated	mg/L			771	744	738	774	788	830
TDS Balance (0.80 - 1.20)	dec. %			0.89	0.92	1.01	0.99	0.99	0.95

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				688	688	688	688	688	688
Month Sampled				Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09
Date and Time Collected				8/20/2008 10:07:00 AM	9/30/2008 8:30:00 AM	10/20/2008 12:15:00 PM	11/18/2008 10:00:00 AM	12/22/2008 9:45:00 AM	1/20/2009 3:35:00 PM
Lab ID				R08080332 -001	R08100014 -001	R08100295 -005	R08110211 -004	R08120281 -001	R09010301 -012
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result
Field Parameters									
Field Conductivity	umhos/cm			1159	1270	1220	1240	1260	1270
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	8.11	8.14	8.04	8.14	8.23	8.17
Field Temperature	Deg C			12.51	11.5	11.8	11.3	10.2	11.7
Field Turbidity	NTUs			4.4	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			3662.6	3662.5	3662.56	3662.54	3663.83	3662.7
Physical Properties									
Conductivity @ 25 C	umhos/cm			1430	1160	1260	1140	1110	1210
Oxidation-Reduction Potential	mV			180	290	170	270	260	240
pH, Laboratory	s.u.		6.5-8.5	8.35	7.9	8.15	8.19	7.87	8
Sodium Adsorption Ratio (SAR)	unitless			5.8	6	5.9	6	5.9	5.7
Solids, Total Dissolved TDS @ 180 C	mg/L		500	810	790	810	780	780 h	800
Major Ions									
Alkalinity, Total as CaCO3	mg/L			166	166	162	146	166	166
Bicarbonate as HCO3	mg/L			202	202	197	178	202	197
Calcium, Dissolved	mg/L			51.7	52.4	49	51.2	48.7	48.8
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	11	11	12	12	12	11
Fluoride	mg/L	4	2	0.6	0.6	0.4	0.5	0.4	0.6
Magnesium, Dissolved	mg/L			21.6	21.8	20.1	21	21.1	20.5
Nitrogen, Ammonia as N	mg/L			0.1	0.2	0.2	0.4	0.7	0.2
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			12.1	12.2	12	12.5	12.3	14.2
Silica	mg/L			3.9	75.3	8.4	8.7	8.9	7.6
Sodium, Dissolved	mg/L			196 d	203 d	193 d	202 d	194 d	189
Sulfate, Total	mg/L		250	425 d	422 d	450 d	421 d	435 d	436 d
Metals, Dissolved									
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	0.001	0.001	0.002	0.002	0.002
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.04	0.04	0.05	<0.03	<0.03	0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.05	0.06	0.06	0.06	0.05	0.05
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated									
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended									
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0009	<0.0003
Metals, Total									
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.002	0.001	0.004 l	0.006 d	0.004 l	0.001
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.24	0.19	0.16	0.34	0.5	0.17 d
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	0.001	<0.001
Manganese, Total	mg/L		0.05	0.05	0.06	0.06	0.06	0.07	0.06
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	NM	NM	NM
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	0.001	0.001	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			1.3	1.3	1.3	1.3	1.2	1.3
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				688	688	688	688	688	688
Month Sampled				Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09
Date and Time Collected				8/20/2008 10:07:00 AM	9/30/2008 8:30:00 AM	10/20/2008 12:15:00 PM	11/18/2008 10:00:00 AM	12/22/2008 9:45:00 AM	1/20/2009 3:35:00 PM
Lab ID				R08080332 -001	R08100014 -001	R08100295 -005	R08110211 -004	R08120281 -001	R09010301 -012
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result
Uranium, Total	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Zinc, Total	mg/L		5	0.01	<0.01	<0.01	<0.01	0.01	<0.01
Radionuclides, Dissolved									
Gross Alpha, Dissolved	pCi/L	15		11.8	4.9	10.2	15	1.9 j	25.6
Gross Beta, Dissolved	pCi/L			11	10.9	14.9	17.4	8.8	15.8
Gross Gamma, Dissolved	pCi/L			0 j	230	310	0 j	720	1100
Lead 210, Dissolved	pCi/L			3.8 j	-0.1 j	1.1 j	1.1 j	1 j	1 j
Polonium 210, Dissolved	pCi/L			0 j	0.2 j	0 j	0 j	0 j	-0.0089 j
Radium 226, Dissolved	pCi/L	5		1.7	0.6	1.6	2.7	0.7	3.8
Thorium 230, Dissolved	pCi/L			0 j	-0.1 j	0 j	0 j	0 j	0.1 j
Radionuclides, Suspended									
Lead 210, Suspended	pCi/L			-6 j	1.2 j	-3 j	-5 j	0.1 j	3.2 j
Polonium 210, Suspended	pCi/L			-0.1 j	0.15 j	0 j	-0.061 j	0 j	-0.0045 j
Radium 226, Suspended	pCi/L	5		-0.3 j	0.09 j	-0.3 j	0.2 j	0.1 j	0.1 j
Thorium 230, Suspended	pCi/L			0 j	-0.1 j	0 j	-0.2 j	0.1 j	-0.1 j
Radionuclides, Total									
Radon 222, Total	pCi/L			449	535 h	184	162	81.1 j	152
Data Quality Parameters									
A/C Balance (± 5)	%			2.75	4.37	-0.51	5.5	0.99	-0.14
Anions	meq/l			12.5	12.4	13	12	12.7	12.8
Cations	meq/l			13.2	13.6	12.8	13.4	13	12.7
Solids, Total Dissolved Calculated	mg/L			829	1030	857	831	848	840
TDS Balance (0.80 - 1.20)	dec. %			0.97	0.77	0.95	0.94	0.92	0.95

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				688	Summary Statistics for Hydro ID 688					
Month Sampled				Feb-09						
Date and Time Collected				2/24/2009 1:23:00 PM						
Lab ID				R09020293 -006						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			1190	13	0	1059	1394	1223.3077	85.417001
Field Dissolved Oxygen	mg/L			NM	1	0	2.12	2.12	2.12	---
Field pH	s.u.		6.5-8.5	8.31	13	0	8.04	9.68	8.4376923	0.4768674
Field Temperature	Deg C			12.3	13	0	10.2	12.85	11.960769	0.6867855
Field Turbidity	NTUs			NM	6	0	2	9.3	5.2333333	2.4824719
Water Level Elevation	ft AMSL			3662.83	11	0	3662.01	3669.41	3663.2618	2.0892095
Physical Properties										
Conductivity @ 25 C	umhos/cm			1200	13	0	1070	1430	1200.7692	92.056282
Oxidation-Reduction Potential	mV			120	13	0	110	290	219.23077	61.976009
pH, Laboratory	s.u.		6.5-8.5	8.03	13	0	7.87	10.3	8.4538462	0.6664025
Sodium Adsorption Ratio (SAR)	unitless			5.3	13	0	5.3	7.6	6.0076923	0.6237809
Solids, Total Dissolved TDS @ 180 C	mg/L		500	830	13	0	690	830	773.84615	43.115825
Major Ions										
Alkalinity, Total as CaCO3	mg/L			166	13	0	90	166	144.76923	29.275
Bicarbonate as HCO3	mg/L			202	13	0	12	202	162.76923	60.503655
Calcium, Dissolved	mg/L			52 d	13	0	25.8	52.4	46.423077	8.0777631
Carbonate as CO3	mg/L			<5	13	10	<5	53	7.8461538	14.169193
Chloride	mg/L		250	11	13	0	10	13	11.307692	0.7510676
Fluoride	mg/L	4	2	0.6	13	0	0.4	0.6	0.5153846	0.0800641
Magnesium, Dissolved	mg/L			21.4	13	0	13.6	21.8	19.884615	2.3215821
Nitrogen, Ammonia as N	mg/L			0.2	13	0	0.1	0.7	0.2461538	0.1808101
Nitrogen, Nitrate as N	mg/L	10		<0.1	13	13	<0.05	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	13	13	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			12.1	13	0	12	16.8	13.030769	1.541852
Silica	mg/L			7.5	13	0	1.9	75.3	11.184615	19.414721
Sodium, Dissolved	mg/L			181	13	0	177	203	191.84615	7.7119621
Sulfate, Total	mg/L		250	460 d	13	0	390	460	425.38462	20.258901
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.002	13	1	<0.001	0.002	0.0014231	0.0005718
Barium, Dissolved	mg/L	2		<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	13	13	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	13	13	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	13	13	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.03	13	5	<0.03	0.05	0.0296154	0.0136109
Lead, Dissolved	mg/L			<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.06	13	1	<0.01	0.06	0.0442308	0.0184669
Mercury, Dissolved	mg/L	0.002		<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	13	13	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	13	13	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	13	13	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	13	13	<0.0003	<0.0003	<0.0003	<0.0003
Vanadium, Dissolved	mg/L			<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	13	13	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	13	12	<0.0003	0.0147	0.0013115	0.0040241
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	13	13	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.003 I	13	1	<0.002	0.015	0.0036154	0.003709
Barium, Total	mg/L	2		<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.2	13	13	<0.1	<0.2	<0.2	<0.2
Cadmium, Total	mg/L	0.005		<0.005	13	13	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	13	13	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	13	13	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.44	13	0	0.05	0.5	0.2084615	0.138675
Lead, Total	mg/L			<0.001	13	12	<0.001	0.001	0.0006154	0.0002996
Manganese, Total	mg/L		0.05	0.07	13	0	0.01	0.07	0.0453846	0.0214536
Mercury, Total	mg/L	0.002		<0.001	13	13	<0.0001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	13	13	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	13	10	<0.001	0.003	0.0007692	0.0006957
Silver, Total	mg/L		0.1	<0.005	13	13	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			1.3	13	0	1.1	1.4	1.2461538	0.0877058
Thallium, Total	mg/L	0.002		<0.001	13	13	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				688	Summary Statistics for Hydro ID 688					
Month Sampled				Feb-09						
Date and Time Collected				2/24/2009 1:23:00 PM						
Lab ID				R09020293 -006						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		0.0005	13	12	<0.0003	0.0005	0.0001769	9.707E-05
Zinc, Total	mg/L		5	0.01	13	10	<0.01	0.01	0.0061538	0.0021926
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		28.7	13	0	1.9	29.8	13.484615	9.5668565
Gross Beta, Dissolved	pCi/L			19.2	13	0	8.8	19.2	14.284615	3.3992269
Gross Gamma, Dissolved	pCi/L			0 j	13	0	0	1100	407.69231	465.40581
Lead 210, Dissolved	pCi/L			-1 j	13	0	-6	3.8	-0.215385	2.2908682
Polonium 210, Dissolved	pCi/L			0.45	13	0	-0.0089	1.9	0.3570077	0.5806369
Radium 226, Dissolved	pCi/L	5		7.9	13	0	0.3	7.9	2.3769231	2.4218291
Thorium 230, Dissolved	pCi/L			0.03 j	13	0	-0.1	0.1	0.01	0.0496655
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			-0.9 j	13	0	-6	4.8	-1.153846	3.2920651
Polonium 210, Suspended	pCi/L			-0.054 j	13	0	-0.1	1	0.1485	0.2961528
Radium 226, Suspended	pCi/L	5		0.2 j	13	0	-0.4	0.9	-0.022308	0.3561403
Thorium 230, Suspended	pCi/L			0.1 j	13	0	-0.2	15.9	1.2923077	4.394402
Radionuclides, Total										
Radon 222, Total	pCi/L			218	13	0	81.1	1160	404.46923	303.02785
Data Quality Parameters										
A/C Balance (± 5)	%			-2.71	13	0	-2.71	12.1	2.3338462	3.9241125
Anions	meq/l			13.2	13	0	10.2	13.2	12.084615	0.9343859
Cations	meq/l			12.6	13	0	11.3	13.6	12.661538	0.6357915
Solids, Total Dissolved Calculated	mg/L			858	13	0	738	1030	826	74.146252
TDS Balance (0.80 - 1.20)	dec. %			0.96	13	0	0.77	1.01	0.9392308	0.0603409

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				689	689	689	689	689	689
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Jul-08
Date and Time Collected				3/30/2008 5:25:00 PM	4/21/2008 7:50:00 PM	5/28/2008 10:25:00 PM	6/25/2008 6:18:00 PM	7/1/2008 4:17:00 PM	7/14/2008 4:50:00 PM
Lab ID				R08030315 -007	R08040250 -005	R08050406 -006	R08060452 -004	R08070035 -006	R08070244 -008
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result
Field Parameters									
Field Conductivity	umhos/cm			978	1128	1082	1116	1052	1125
Field Dissolved Oxygen	mg/L			0.18	0.2	0.08	0.12	0.13	NM
Field pH	s.u.		6.5-8.5	7.76	7.77	7.73	7.71	7.8	7.75
Field Temperature	Deg C			15.4	15.43	15.44	15.56	15.6	15.95
Field Turbidity	NTUs			27.9	27.8	24.8	23.8	NM	16.8
Water Level Elevation	ft AMSL			NM	NM	NM	3685.6	3685.42	3685.28
Physical Properties									
Conductivity @ 25 C	umhos/cm			1080	1110	1010	1270	1010	1040
Oxidation-Reduction Potential	mV			190	300	210	150	220	190
pH, Laboratory	s.u.		6.5-8.5	7.85	8.02	7.8	8.08	7.84	7.83
Sodium Adsorption Ratio (SAR)	unitless			5.4	5.7	5.8	5.6	5.6	5.6
Solids, Total Dissolved TDS @ 180 C	mg/L		500	720	760	730	700	710	730
Major Ions									
Alkalinity, Total as CaCO3	mg/L			150	148	148	150	150	148
Bicarbonate as HCO3	mg/L			183	180	180	183	183	180
Calcium, Dissolved	mg/L			43.8	48.5	49.2	46.7	49.6	44.8
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	7	5	5	5	5	5
Fluoride	mg/L	4	2	0.5	0.5	0.5	0.5	0.5	0.6
Magnesium, Dissolved	mg/L			15.6	16.8	16.4	16	16.9	16.4
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			7.4	7.9	8.1	7.7	7.8	10.7
Silica	mg/L			7.7	8	4.6	4.3	5	2
Sodium, Dissolved	mg/L			165	180	184 d	174 d	179 d	173 d
Sulfate, Total	mg/L		250	421 d	374	400 d	366	354	420 d
Metals, Dissolved									
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	0.001	0.001	0.001	0.001	<0.02
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.03	0.04	0.04	0.04	0.04	0.04
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0032	0.0037	0.0043	0.0034	0.0032	0.0034
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated									
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended									
Uranium, Suspended	mg/L	0.03		0.0005	<0.0003	0.0004	0.0005	<0.0003	<0.0003
Metals, Total									
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		<0.003	0.002	0.004	0.003	<0.002	<0.001
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.72	0.52	1.33	1.15	2.23	0.82
Lead, Total	mg/L			<0.001	<0.001	<0.001	0.017 d	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.06	0.06	0.08	0.07	0.09	0.06
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.0002
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	NM	<0.0001	NM
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	<0.002	0.003 d	<0.002
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			0.9	1	1	1	0.9	1
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				689	689	689	689	689	689
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Jul-08
Date and Time Collected				3/30/2008 5:25:00 PM	4/21/2008 7:50:00 PM	5/28/2008 10:25:00 PM	6/25/2008 6:18:00 PM	7/1/2008 4:17:00 PM	7/14/2008 4:50:00 PM
Lab ID				R08030315 -007	R08040250 -005	R08050406 -006	R08060452 -004	R08070035 -006	R08070244 -008
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result
Uranium, Total	mg/L	0.03		0.0041	0.004	0.0117	0.006	0.0073	0.0041
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved									
Gross Alpha, Dissolved	pCi/L	15		64.3	25.5	34.9	36.5	33.4	36
Gross Beta, Dissolved	pCi/L			21.2	13.2	12.2	15	14.7	9.5
Gross Gamma, Dissolved	pCi/L			86	0 j	150	0 j	930	0 j
Lead 210, Dissolved	pCi/L			-31 j	-2.4 j	6.3 j	-6.5 j	1.1 j	-0.4 j
Polonium 210, Dissolved	pCi/L			1.1	0.7 j	-0.4 j	0 j	0.3 j	0.1 j
Radium 226, Dissolved	pCi/L	5		7.9	4.2	5.7	5.5	7.7	6.1
Thorium 230, Dissolved	pCi/L			0.2 j	0.1 j	0 j	0 j	-0.1 j	0 j
Radionuclides, Suspended									
Lead 210, Suspended	pCi/L			0 j	-0.3 j	-2 j	1 j	-3.9 j	-0.1 j
Polonium 210, Suspended	pCi/L			0.6 j	0.6 j	0.2 j	0.1 j	-0.1 j	0 j
Radium 226, Suspended	pCi/L	5		2	0.02 j	0.5 j	-0.05 j	0.9	-0.4 j
Thorium 230, Suspended	pCi/L			0.2	0.3	0.4	0.4	0.1 j	0.2 j
Radionuclides, Total									
Radon 222, Total	pCi/L			1950	1540	1390	2520	1820	1670
Data Quality Parameters									
A/C Balance (± 5)	%			-4.96	3.98	2.36	2.76	5.87	-2.08
Anions	meq/l			12	10.9	11.5	10.8	10.6	11.9
Cations	meq/l			10.8	11.8	12	11.4	11.9	11.4
Solids, Total Dissolved Calculated	mg/L			771	744	764	718	717	766
TDS Balance (0.80 - 1.20)	dec. %			0.93	1.02	0.95	0.98	0.99	0.95

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				689	689	689	689	689	689
Month Sampled				Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09
Date and Time Collected				8/19/2008 7:18:00 PM	9/23/2008 1:43:00 PM	10/20/2008 2:46:00 PM	11/18/2008 2:02:00 PM	12/17/2008 11:02:00 AM	1/20/2009 1:05:00 PM
Lab ID				R08080301 -005	R08090356 -001	R08100295 -008	R08110211 -011	R08120255 -003	R09010301 -008
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result
Field Parameters									
Field Conductivity	umhos/cm			1020	1090	1090	1080	1270	1160
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	7.23	7.64	7.65	7.65	7.86	7.71
Field Temperature	Deg C			15.74	16.7	15.2	15.9	13.2	14.4
Field Turbidity	NTUs			16.4	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			3685.47	3685.31	3684.34	3684.8	3684.11	3686.65
Physical Properties									
Conductivity @ 25 C	umhos/cm			1270	840	1110	982	1100	1080
Oxidation-Reduction Potential	mV			170	230	220	280	280	270
pH, Laboratory	s.u.		6.5-8.5	7.96	7.77	8.11	8.45	7.9	7.71
Sodium Adsorption Ratio (SAR)	unitless			5.9	5.5	5.8	5.8	5.9	5.8
Solids, Total Dissolved TDS @ 180 C	mg/L		500	710	700	730	660	750	780
Major Ions									
Alkalinity, Total as CaCO3	mg/L			148	150	152	150	158	150
Bicarbonate as HCO3	mg/L			180	183	185	183	193	183
Calcium, Dissolved	mg/L			48.8	44.6	44.4	45.3	54.4	44.8
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	5	5	5	5	6	5
Fluoride	mg/L	4	2	0.6	0.6	0.5	0.5	0.5	0.6
Magnesium, Dissolved	mg/L			16.2	15	14.9	15.7	18.1	15.5
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			7.9	6.9	7.5	7.6	8.5	9
Silica	mg/L			4.3	10.3	9.3	9.6	10.3	8.3
Sodium, Dissolved	mg/L			185 d	165	174 d	179 d	197 d	177
Sulfate, Total	mg/L		250	399 d	362 d	392 d	379 d	408 d	399 d
Metals, Dissolved									
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	0.001	0.002	<0.001	0.001	0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.04	0.03	0.04	0.04	0.05	0.04
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0034	0.003	0.0031	0.0033	0.005	0.0035
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated									
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended									
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	0.0011 d	<0.0003
Metals, Total									
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		<0.004	0.001	0.004 l	0.006 d	0.005 l	<0.002
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.003	<0.002	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.73	0.45	0.61	0.56	2.38	0.62
Lead, Total	mg/L			0.002	<0.001	<0.001	<0.001	0.004	<0.001
Manganese, Total	mg/L		0.05	0.06	0.05	0.05	0.05	0.09	0.05
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	NM	NM	NM
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.003	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	<0.02	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			0.9	0.9	0.8	0.9	1	1
Thallium, Total	mg/L	0.002		<0.001	<0.001	0.002	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				689	689	689	689	689	689
Month Sampled				Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09
Date and Time Collected				8/19/2008 7:18:00 PM	9/23/2008 1:43:00 PM	10/20/2008 2:46:00 PM	11/18/2008 2:02:00 PM	12/17/2008 11:02:00 AM	1/20/2009 1:05:00 PM
Lab ID				R08080301 -005	R08090356 -001	R08100295 -008	R08110211 -011	R08120255 -003	R09010301 -008
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result
Uranium, Total	mg/L	0.03		0.0034 d	0.003	0.0035	0.0031	0.006	0.0036
Zinc, Total	mg/L		5	<0.01	0.09	<0.01	<0.01	0.01	<0.01
Radionuclides, Dissolved									
Gross Alpha, Dissolved	pCi/L	15		36.4	30.9	40	37.9	54.6	52.8
Gross Beta, Dissolved	pCi/L			13.3	9.2	12.9	15.3	23	17.6
Gross Gamma, Dissolved	pCi/L			0 j	960	960	1100	0 j	1000
Lead 210, Dissolved	pCi/L			2.1 j	3.8 j	-0.3 j	-1 j	1.7 j	-0.4 j
Polonium 210, Dissolved	pCi/L			0.6 j	0 j	0.1 j	0.2 j	0 j	-0.031 j
Radium 226, Dissolved	pCi/L	5		4.4	7.5	6.4	6.6	6.2	6.1
Thorium 230, Dissolved	pCi/L			0.1 j	0 j	0.1 j	0.2 j	0 j	0 j
Radionuclides, Suspended									
Lead 210, Suspended	pCi/L			-9 j	0.2 j	-0.2 j	-0.6 j	1.4 j	-6 j
Polonium 210, Suspended	pCi/L			0.1 j	0.16 j	0.1 j	-0.039 j	0.3 j	0.025 j
Radium 226, Suspended	pCi/L	5		-0.4 j	0.2 j	-0.4 j	-0.04 j	0.4 j	-0.4 j
Thorium 230, Suspended	pCi/L			0.2 j	0.2 j	-0.2 j	-0.2 j	0.1 j	-0.2 j
Radionuclides, Total									
Radon 222, Total	pCi/L			2520	1520	2410	2580	1130	1850
Data Quality Parameters									
A/C Balance (± 5)	%			2.54	0.52	-0.72	2.1	4.66	-0.13
Anions	meq/l			11.4	10.7	11.4	11.1	11.8	11.5
Cations	meq/l			12	10.8	11.2	11.6	13	11.5
Solids, Total Dissolved Calculated	mg/L			764	718	755	749	815	765
TDS Balance (0.80 - 1.20)	dec. %			0.93	0.98	0.97	0.88	0.92	1.02

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				689	Summary Statistics for Hydro ID 689					
Month Sampled				Feb-09						
Date and Time Collected				2/24/2009 4:04:00 PM						
Lab ID				R09020293 -010						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			1090	13	0	978	1270	1098.5385	69.969774
Field Dissolved Oxygen	mg/L			NM	5	0	0.08	0.2	0.142	0.0481664
Field pH	s.u.		6.5-8.5	7.87	13	0	7.23	7.87	7.7023077	0.1596952
Field Temperature	Deg C			15.5	13	0	13.2	16.7	15.386154	0.8323515
Field Turbidity	NTUs			NM	6	0	16.4	27.9	22.916667	5.1553532
Water Level Elevation	ft AMSL			3686.41	10	0	3684.11	3686.65	3685.339	0.8000618
Physical Properties										
Conductivity @ 25 C	umhos/cm			1040	13	0	840	1270	1072.4615	113.23472
Oxidation-Reduction Potential	mV			130	13	0	130	300	218.46154	52.890792
pH, Laboratory	s.u.		6.5-8.5	7.77	13	0	7.71	8.45	7.93	0.1992068
Sodium Adsorption Ratio (SAR)	unitless			2.4	13	0	2.4	5.9	5.4461538	0.9279147
Solids, Total Dissolved TDS @ 180 C	mg/L		500	690	13	0	660	780	720.76923	31.48056
Major Ions										
Alkalinity, Total as CaCO3	mg/L			148	13	0	148	158	150	2.7080128
Bicarbonate as HCO3	mg/L			180	13	0	180	193	182.76923	3.5155333
Calcium, Dissolved	mg/L			45 d	13	0	43.8	54.4	46.915385	3.0438041
Carbonate as CO3	mg/L			<5	13	13	<5	<5	<5	<5
Chloride	mg/L		250	5	13	0	5	7	5.2307692	0.5991447
Fluoride	mg/L	4	2	0.6	13	0	0.5	0.6	0.5384615	0.050637
Magnesium, Dissolved	mg/L			14	13	0	14	18.1	15.961538	1.0372548
Nitrogen, Ammonia as N	mg/L			<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	13	13	<0.05	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	13	13	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			8.5	13	0	6.9	10.7	8.1153846	0.9467894
Silica	mg/L			8.3	13	0	2	10.3	7.0769231	2.7074446
Sodium, Dissolved	mg/L			158	13	0	158	197	176.15385	10.015373
Sulfate, Total	mg/L		250	380 d	13	0	354	421	388.76923	21.533516
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	13	5	<0.001	0.002	0.0016154	0.0025508
Barium, Dissolved	mg/L	2		<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	13	12	<0.1	0.1	0.0538462	0.0138675
Cadmium, Dissolved	mg/L	0.005		<0.005	13	13	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	13	13	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	13	13	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	13	13	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.04	13	0	0.03	0.05	0.0392308	0.0049355
Mercury, Dissolved	mg/L	0.002		<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	13	13	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	13	13	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	13	13	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.003	13	0	0.003	0.005	0.0035	0.0005657
Vanadium, Dissolved	mg/L			<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	13	13	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	13	9	<0.0003	0.0011	0.0002962	0.0002787
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	13	13	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.003 I	13	5	<0.001	0.006	0.0026154	0.0017218
Barium, Total	mg/L	2		<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	13	13	<0.001	<0.003	<0.003	<0.003
Boron, Total	mg/L			<0.1	13	12	<0.1	0.1	0.0538462	0.0138675
Cadmium, Total	mg/L	0.005		<0.005	13	13	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	13	13	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	13	13	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.6	13	0	0.45	2.38	0.9784615	0.6396203
Lead, Total	mg/L			0.001	13	9	<0.001	0.017	0.0021923	0.0045622
Manganese, Total	mg/L		0.05	0.05	13	0	0.05	0.09	0.0630769	0.0149358
Mercury, Total	mg/L	0.002		<0.001	13	13	<0.0001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	13	13	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	13	12	<0.001	0.003	0.0008462	0.0007183
Silver, Total	mg/L		0.1	<0.005	13	13	<0.005	<0.02	<0.02	<0.02
Strontium, Total	mg/L			0.9	13	0	0.8	1	0.9384615	0.0650444
Thallium, Total	mg/L	0.002		<0.001	13	12	<0.001	0.002	0.0006154	0.000416

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				689	Summary Statistics for Hydro ID 689					
Month Sampled				Feb-09						
Date and Time Collected				2/24/2009 4:04:00 PM						
Lab ID				R09020293 -010						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		0.0032	13	0	0.003	0.0117	0.0048462	0.0024514
Zinc, Total	mg/L		5	0.02	13	10	<0.01	0.09	0.0130769	0.0234999
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		23.9	13	0	23.9	64.3	39.007692	11.626655
Gross Beta, Dissolved	pCi/L			12	13	0	9.2	23	14.546154	4.0617351
Gross Gamma, Dissolved	pCi/L			0 j	13	0	0	1100	398.92308	489.82828
Lead 210, Dissolved	pCi/L			0.5 j	13	0	-31	6.3	-2.038462	9.2163386
Polonium 210, Dissolved	pCi/L			0.44 j	13	0	-0.4	1.1	0.2391538	0.3895544
Radium 226, Dissolved	pCi/L	5		5.4	13	0	4.2	7.9	6.1307692	1.1404565
Thorium 230, Dissolved	pCi/L			-0.001 j	13	0	-0.1	0.2	0.0460769	0.0877501
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			-2 j	13	0	-9	1.4	-1.653846	3.0021146
Polonium 210, Suspended	pCi/L			0.35 j	13	0	-0.1	0.6	0.1843077	0.2233541
Radium 226, Suspended	pCi/L	5		-0.2 j	13	0	-0.4	2	0.1638462	0.682856
Thorium 230, Suspended	pCi/L			0.2 j	13	0	-0.2	0.4	0.1307692	0.2097006
Radionuclides, Total										
Radon 222, Total	pCi/L			1810	13	0	1130	2580	1900.7692	473.52335
Data Quality Parameters										
A/C Balance (± 5)	%			-2.77	13	0	-4.96	5.87	1.0869231	3.1372769
Anions	meq/l			11.1	13	0	10.6	12	11.284615	0.4597937
Cations	meq/l			10.5	13	0	10.5	13	11.530769	0.6511331
Solids, Total Dissolved Calculated	mg/L			722	13	0	717	815	751.38462	28.132243
TDS Balance (0.80 - 1.20)	dec. %			0.95	13	0	0.88	1.02	0.9592308	0.0398877

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				690	Summary Statistics for Hydro ID 690					
Month Sampled				Jul-08						
Date and Time Collected				7/7/2008 6:10:00 PM						
Lab ID				R08070115-005						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			2112	1	0	2112	2112	2112	---
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	9.36	1	0	9.36	9.36	9.36	---
Field Temperature	Deg C			14.12	1	0	14.12	14.12	14.12	---
Field Turbidity	NTUs			13.2	1	0	13.2	13.2	13.2	---
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			2000	1	0	2000	2000	2000	---
Oxidation-Reduction Potential	mV			220	1	0	220	220	220	---
pH, Laboratory	s.u.		6.5-8.5	9.27	1	0	9.27	9.27	9.27	---
Sodium Adsorption Ratio (SAR)	unitless			10	1	0	10	10	10	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1400	1	0	1400	1400	1400	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			38	1	0	38	38	38	---
Bicarbonate as HCO3	mg/L			32	1	0	32	32	32	---
Calcium, Dissolved	mg/L			42.1	1	0	42.1	42.1	42.1	---
Carbonate as CO3	mg/L			7	1	0	7	7	7	---
Chloride	mg/L		250	30	1	0	30	30	30	---
Fluoride	mg/L	4	2	0.5	1	0	0.5	0.5	0.5	---
Magnesium, Dissolved	mg/L			25.4	1	0	25.4	25.4	25.4	---
Nitrogen, Ammonia as N	mg/L			0.3	1	0	0.3	0.3	0.3	---
Nitrogen, Nitrate as N	mg/L	10		0.2	1	0	0.2	0.2	0.2	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			14	1	0	14	14	14	---
Silica	mg/L			<0.5	1	1	<0.5	<0.5	<0.5	---
Sodium, Dissolved	mg/L			342	1	0	342	342	342	---
Sulfate, Total	mg/L		250	807 d	1	0	807	807	807	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			0.7	1	0	0.7	0.7	0.7	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	<0.01	1	1	<0.01	<0.01	<0.01	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Selenium-VI, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			0.7	1	0	0.7	0.7	0.7	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Total	mg/L		0.3	1.48	1	0	1.48	1.48	1.48	---
Lead, Total	mg/L			0.019	1	0	0.019	0.019	0.019	---
Manganese, Total	mg/L		0.05	0.02	1	0	0.02	0.02	0.02	---
Mercury, Total	mg/L	0.002		<0.0002	1	1	<0.0002	<0.0002	<0.0002	---
Mercury, Total A3112B	mg/L	0.002		<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			2.6	1	0	2.6	2.6	2.6	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				690	Summary Statistics for Hydro ID 690					
Month Sampled				Jul-08						
Date and Time Collected				7/7/2008 6:10:00 PM						
Lab ID				R08070115-005						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Zinc, Total	mg/L		5	0.2	1	0	0.2	0.2	0.2	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		4.8 j	1	0	4.8	4.8	4.8	---
Gross Beta, Dissolved	pCi/L			6.1	1	0	6.1	6.1	6.1	---
Gross Gamma, Dissolved	pCi/L			1100	1	0	1100	1100	1100	---
Lead 210, Dissolved	pCi/L			1.8 j	1	0	1.8	1.8	1.8	---
Polonium 210, Dissolved	pCi/L			0.7 j	1	0	0.7	0.7	0.7	---
Radium 226, Dissolved	pCi/L	5		0.2 j	1	0	0.2	0.2	0.2	---
Thorium 230, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			-5.7 j	1	0	-5.7	-5.7	-5.7	---
Polonium 210, Suspended	pCi/L			0.1 j	1	0	0.1	0.1	0.1	---
Radium 226, Suspended	pCi/L	5		-0.3 j	1	0	-0.3	-0.3	-0.3	---
Thorium 230, Suspended	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Total										
Radon 222, Total	pCi/L			194	1	0	194	194	194	---
Data Quality Parameters										
A/C Balance (± 5)	%			2.66	1	0	2.66	2.66	2.66	---
Anions	meq/l			18.4	1	0	18.4	18.4	18.4	---
Cations	meq/l			19.4	1	0	19.4	19.4	19.4	---
Solids, Total Dissolved Calculated	mg/L			1280	1	0	1280	1280	1280	---
TDS Balance (0.80 - 1.20)	dec. %			1.09	1	0	1.09	1.09	1.09	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL
Secondary Standard

Dewey-Burdock Hydro ID				691	Summary Statistics for Hydro ID 691					
Month Sampled				Jul-08						
Date and Time Collected				7/1/2008 7:17:00 PM						
Lab ID				R08070035 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			5454	1	0	5454	5454	5454	---
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	12.67	1	0	12.67	12.67	12.67	---
Field Temperature	Deg C			12.93	1	0	12.93	12.93	12.93	---
Field Turbidity	NTUs			1.1	1	0	1.1	1.1	1.1	---
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			5360	1	0	5360	5360	5360	---
Oxidation-Reduction Potential	mV			24	1	0	24	24	24	---
pH, Laboratory	s.u.		6.5-8.5	12.4	1	0	12.4	12.4	12.4	---
Sodium Adsorption Ratio (SAR)	unitless			6.5	1	0	6.5	6.5	6.5	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1500	1	0	1500	1500	1500	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			1160	1	0	1160	1160	1160	---
Bicarbonate as HCO3	mg/L			<5	1	1	<5	<5	<5	---
Calcium, Dissolved	mg/L			251	1	0	251	251	251	---
Carbonate as CO3	mg/L			19	1	0	19	19	19	---
Chloride	mg/L		250	113 d	1	0	113	113	113	---
Fluoride	mg/L	4	2	0.3	1	0	0.3	0.3	0.3	---
Magnesium, Dissolved	mg/L			<0.5	1	1	<0.5	<0.5	<0.5	---
Nitrogen, Ammonia as N	mg/L			1.2	1	0	1.2	1.2	1.2	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			16.7	1	0	16.7	16.7	16.7	---
Silica	mg/L			0.8	1	0	0.8	0.8	0.8	---
Sodium, Dissolved	mg/L			373 d	1	0	373	373	373	---
Sulfate, Total	mg/L		250	159 d	1	0	159	159	159	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Dissolved	mg/L	2		0.5	1	0	0.5	0.5	0.5	---
Boron, Dissolved	mg/L			0.1	1	0	0.1	0.1	0.1	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Dissolved	mg/L			0.011	1	0	0.011	0.011	0.011	---
Manganese, Dissolved	mg/L		0.05	<0.01	1	1	<0.01	<0.01	<0.01	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	0.01	1	0	0.01	0.01	0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Selenium-VI, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		<0.002	1	1	<0.002	<0.002	<0.002	---
Barium, Total	mg/L	2		0.5	1	0	0.5	0.5	0.5	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Total	mg/L		0.3	0.1	1	0	0.1	0.1	0.1	---
Lead, Total	mg/L			0.035	1	0	0.035	0.035	0.035	---
Manganese, Total	mg/L		0.05	<0.01	1	1	<0.01	<0.01	<0.01	---
Mercury, Total	mg/L	0.002		<0.0002	1	1	<0.0002	<0.0002	<0.0002	---
Mercury, Total A3112B	mg/L	0.002		<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		0.003 d	1	0	0.003	0.003	0.003	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			5.3	1	0	5.3	5.3	5.3	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				691	Summary Statistics for Hydro ID 691					
Month Sampled				Jul-08						
Date and Time Collected				7/1/2008 7:17:00 PM						
Lab ID				R08070035-002						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Zinc, Total	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		2.9 j	1	0	2.9	2.9	2.9	---
Gross Beta, Dissolved	pCi/L			15.4	1	0	15.4	15.4	15.4	---
Gross Gamma, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Lead 210, Dissolved	pCi/L			0.5 j	1	0	0.5	0.5	0.5	---
Polonium 210, Dissolved	pCi/L			-0.1 j	1	0	-0.1	-0.1	-0.1	---
Radium 226, Dissolved	pCi/L	5		1.2	1	0	1.2	1.2	1.2	---
Thorium 230, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			2.2 j	1	0	2.2	2.2	2.2	---
Polonium 210, Suspended	pCi/L			-0.1 j	1	0	-0.1	-0.1	-0.1	---
Radium 226, Suspended	pCi/L	5		0.2 j	1	0	0.2	0.2	0.2	---
Thorium 230, Suspended	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Total										
Radon 222, Total	pCi/L			119	1	0	119	119	119	---
Data Quality Parameters										
A/C Balance (± 5)	%			-0.59	1	0	-0.59	-1	-0.59	---
Anions	meq/l			29.6	1	0	29.6	29.6	29.6	---
Cations	meq/l			29.3	1	0	29.3	29.3	29.3	---
Solids, Total Dissolved Calculated	mg/L			1610	1	0	1610	1610	1610	---
TDS Balance (0.80 - 1.20)	dec. %			0.95	1	0	0.95	0.95	0.95	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL
Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				692	Summary Statistics for Hydro ID 692					
Month Sampled				Jul-08						
Date and Time Collected				7/7/2008 1:39:00 PM						
Lab ID				R08070115-001						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			1264	1	0	1264	1264	1264	---
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	7.44	1	0	7.44	7.44	7.44	---
Field Temperature	Deg C			12.62	1	0	12.62	12.62	12.62	---
Field Turbidity	NTUs			NM	NM	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			1260	1	0	1260	1260	1260	---
Oxidation-Reduction Potential	mV			180	1	0	180	180	180	---
pH, Laboratory	s.u.		6.5-8.5	7.6	1	0	7.6	7.6	7.6	---
Sodium Adsorption Ratio (SAR)	unitless			2	1	0	2	2	2	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	940	1	0	940	940	940	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			186	1	0	186	186	186	---
Bicarbonate as HCO3	mg/L			227	1	0	227	227	227	---
Calcium, Dissolved	mg/L			131	1	0	131	131	131	---
Carbonate as CO3	mg/L			<5	1	1	<5	<5	<5	---
Chloride	mg/L		250	8	1	0	8	8	8	---
Fluoride	mg/L	4	2	0.4	1	0	0.4	0.4	0.4	---
Magnesium, Dissolved	mg/L			46.5	1	0	46.5	46.5	46.5	---
Nitrogen, Ammonia as N	mg/L			0.2	1	0	0.2	0.2	0.2	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			14.7	1	0	14.7	14.7	14.7	---
Silica	mg/L			4.8	1	0	4.8	4.8	4.8	---
Sodium, Dissolved	mg/L			105 d	1	0	105	105	105	---
Sulfate, Total	mg/L		250	483 d	1	0	483	483	483	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		0.002	1	0	0.002	0.002	0.002	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			0.1	1	0	0.1	0.1	0.1	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	0.14	1	0	0.14	0.14	0.14	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		0.002	1	0	0.002	0.002	0.002	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		0.0135	1	0	0.0135	0.0135	0.0135	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Selenium-VI, Dissolved	mg/L			0.002	1	0	0.002	0.002	0.002	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		0.0067	1	0	0.0067	0.0067	0.0067	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		0.005	1	0	0.005	0.005	0.005	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	0.01	1	0	0.01	0.01	0.01	---
Iron, Total	mg/L		0.3	7.24	1	0	7.24	7.24	7.24	---
Lead, Total	mg/L			0.006	1	0	0.006	0.006	0.006	---
Manganese, Total	mg/L		0.05	0.24	1	0	0.24	0.24	0.24	---
Mercury, Total	mg/L	0.002		<0.0002	1	1	<0.0002	<0.0002	<0.0002	---
Mercury, Total A3112B	mg/L	0.002		<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			3.2	1	0	3.2	3.2	3.2	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				692	Summary Statistics for Hydro ID 692					
Month Sampled				Jul-08						
Date and Time Collected				7/7/2008 1:39:00 PM						
Lab ID				R08070115 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		0.0202	1	0	0.0202	0.0202	0.0202	---
Zinc, Total	mg/L		5	0.03	1	0	0.03	0.03	0.03	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		1450	1	0	1450	1450	1450	---
Gross Beta, Dissolved	pCi/L			447	1	0	447	447	447	---
Gross Gamma, Dissolved	pCi/L			2400	1	0	2400	2400	2400	---
Lead 210, Dissolved	pCi/L			22.5	1	0	22.5	22.5	22.5	---
Polonium 210, Dissolved	pCi/L			3.5	1	0	3.5	3.5	3.5	---
Radium 226, Dissolved	pCi/L	5		484	1	0	484	484	484	---
Thorium 230, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			125	1	0	125	125	125	---
Polonium 210, Suspended	pCi/L			12	1	0	12	12	12	---
Radium 226, Suspended	pCi/L	5		96.1	1	0	96.1	96.1	96.1	---
Thorium 230, Suspended	pCi/L			2.6	1	0	2.6	2.6	2.6	---
Radionuclides, Total										
Radon 222, Total	pCi/L			590000	1	0	590000	590000	590000	---
Data Quality Parameters										
A/C Balance (± 5)	%			4.52	1	0	4.52	4.52	4.52	---
Anions	meq/l			14	1	0	14	14	14	---
Cations	meq/l			15.4	1	0	15.4	15.4	15.4	---
Solids, Total Dissolved Calculated	mg/L			914	1	0	914	914	914	---
TDS Balance (0.80 - 1.20)	dec. %			1.02	1	0	1.02	1.02	1.02	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL
Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				693	Summary Statistics for Hydro ID 693					
Quarter Sampled				SA						
Date and Time Collected				7/1/2008 7:39:00 PM						
Lab ID				R08070035 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (Non-detects)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			2083	1	0	2083	2083	2083	---
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	9.27	1	0	9.27	9.27	9.2	---
Field Temperature	Deg C			14.52	1	0	14.52	14.52	14.5	---
Field Turbidity	NTUs			9.2	1	0	9.2	9.2	9.2	---
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			1650	1	0	1650	1650	1650	---
Oxidation-Reduction Potential	mV			210	1	0	210	210	210	---
pH, Laboratory	s.u.		6.5-8.5	9.03	1	0	9.03	9.03	9	---
Sodium Adsorption Ratio (SAR)	unitless			9.1	1	0	9.1	9.1	9.1	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1400	1	0	1400	1400	1400	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			68	1	0	68	68	68	---
Bicarbonate as HCO3	mg/L			68	1	0	68	68	68	---
Calcium, Dissolved	mg/L			73.7	1	0	73.7	73.7	73.7	---
Carbonate as CO3	mg/L			7	1	0	7	7	7	---
Chloride	mg/L		250	38 d	1	0	38	38	38	---
Fluoride	mg/L	4	2	0.6	1	0	0.6	0.6	0.6	---
Magnesium, Dissolved	mg/L			35.2	1	0	35.2	35.2	35.2	---
Nitrogen, Ammonia as N	mg/L			0.3	1	0	0.3	0.3	0.3	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			8.6	1	0	8.6	8.6	8.6	---
Silica	mg/L			5	1	0	5	5	5	---
Sodium, Dissolved	mg/L			380 d	1	0	380	380	380	---
Sulfate, Total	mg/L		250	886	1	0	886	886	886	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			1	1	0	1	1	1	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	0.06	1	0	0.06	0.06	0.06	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	<0.01	1	1	<0.01	<0.01	<0.01	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Selenium-VI, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			1.1	1	0	1.1	1.1	1.1	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Total	mg/L		0.3	1.44	1	0	1.44	1.44	1.4	---
Lead, Total	mg/L			<0.003	1	1	<0.003	<0.003	<0.003	---
Manganese, Total	mg/L		0.05	0.01	1	0	0.01	0.01	0.01	---
Mercury, Total	mg/L	0.002		<0.0002	1	1	<0.0002	<0.0002	<0.0002	---
Mercury, Total A3112B	mg/L	0.002		<0.0001	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		0.005 d	1	0	0.005	0.005	0.005	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			2.1	1	0	2.1	2.1	2.1	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				693	Summary Statistics for Hydro ID 693					
Quarter Sampled				SA						
Date and Time Collected				7/1/2008 7:39:00 PM						
Lab ID				R08070035 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (Non-detects)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Zinc, Total	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		2.8 j	1	0	2.8	2.8	2.8	---
Gross Beta, Dissolved	pCi/L			2.7 j	1	0	2.7	2.7	2.7	---
Gross Gamma, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Lead 210, Dissolved	pCi/L			1.3 j	1	0	1.3	1.3	1.3	---
Polonium 210, Dissolved	pCi/L			0.3 j	1	0	0.3	0.3	0.3	---
Radium 226, Dissolved	pCi/L	5		0.6	1	0	0.6	0.6	0.6	---
Thorium 230, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			-1.3 j	1	0	-1.3	-1.3	-1.3	---
Polonium 210, Suspended	pCi/L			0 j	1	0	0	0	0	---
Radium 226, Suspended	pCi/L	5		0.2 j	1	0	0.2	0.2	0.2	---
Thorium 230, Suspended	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Total										
Radon 222, Total	pCi/L			424	1	0	424	424	424	---
Data Quality Parameters										
A/C Balance (± 5)	%			5.47	1	0	5.47	5.47	5.4	---
Anions	meq/l			20.9	1	0	20.9	20.9	20.9	---
Cations	meq/l			23.3	1	0	23.3	23.3	23.3	---
Solids, Total Dissolved Calculated	mg/L			1480	1	0	1480	1480	1480	---
TDS Balance (0.80 - 1.20)	dec. %			0.98	1	0	0.98	0.98	0.9	---

* 1/2 RL used to calculate the mean wherer non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				694	694	694	694	694	694	694	694
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/31/2008 1:41:00 PM	4/22/2008 4:58:00 PM	5/21/2008 11:55:00 AM	6/24/2008 3:08:00 PM	7/14/2008 3:10:00 PM	8/20/2008 3:10:00 PM	9/23/2008 9:35:00 AM	10/21/2008 8:45:00 AM
Lab ID				R08040002 -001	R08040287 -007	R08050321 -001	R08060427 -002	R08070244 -004	R08080332 -006	R08090356 -006	R08100295 -014
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Field Parameters											
Field Conductivity	umhos/cm			1316	1433	1409	1438	1460	1318	1470	1480
Field Dissolved Oxygen	mg/L			0.28	0.3	0.2	0.19	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	8.81	8.57	8.45	7.89	7.65	NM	8.09	8.09
Field Temperature	Deg C			11.73	11.72	10.86	12.06	13.2	12.81	13.1	12
Field Turbidity	NTUs			-0.1	3.5	0.1	0	5.3	4.3	NM	NM
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	3639.8	3639.11
Physical Properties											
Conductivity @ 25 C	umhos/cm			1440	1410	1420	1390	1350	1690	1100	1490
Oxidation-Reduction Potential	mV			170	200	120	99	100	210	190	200
pH, Laboratory	s.u.		6.5-8.5	8.71	8.47	8.35	8.29	8.19	8.29	8.15	8.26
Sodium Adsorption Ratio (SAR)	unitless			11	12	12	12	12	11	11	11
Solids, Total Dissolved TDS @ 180 C	mg/L		500	880	930	930	920	930	930	920	950
Major Ions											
Alkalinity, Total as CaCO3	mg/L			184	182	182	174	180	182	180	180
Bicarbonate as HCO3	mg/L			215	222	222	212	219	222	219	219
Calcium, Dissolved	mg/L			28	29.9	31	31.6	28.8	32.3	30.6	30.3
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	15	12	12	12	13	13	12	13
Fluoride	mg/L	4	2	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.3
Magnesium, Dissolved	mg/L			10	10.4	10.9	11.1	10.2	11	10.6	10.6
Nitrogen, Ammonia as N	mg/L			0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			9.7	9.3	9.2	9.4	13.4	9.3	8.6	8.9
Silica	mg/L			8.1	4.4	4.7	5	2.1	4.5	<0.5	9.8
Sodium, Dissolved	mg/L			270	293 d	294 d	295 d	291	297 d	280	282 d
Sulfate, Total	mg/L		250	475 d	475	505 d	456	526 d	495 d	506 d	493 d
Metals, Dissolved											
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.002	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	0.07	0.09	0.1	0.08	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.05	0.06	0.07	0.07	0.06	0.07	0.05	0.06
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated											
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended											
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total											
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.003	0.002	0.002	<0.002	0.003	<0.001	<0.001	<0.001
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.04	0.08	0.1	0.67	0.14	0.1	0.14	0.13
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.05	0.06	0.07	0.07	0.07	0.07	0.06	0.06
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				694	694	694	694	694	694	694	694
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/31/2008 1:41:00 PM	4/22/2008 4:58:00 PM	5/21/2008 11:55:00 AM	6/24/2008 3:08:00 PM	7/14/2008 3:10:00 PM	8/20/2008 3:10:00 PM	9/23/2008 9:35:00 AM	10/21/2008 8:45:00 AM
Lab ID				R08040002 -001	R08040287 -007	R08050321 -001	R08060427 -002	R08070244 -004	R08080332 -006	R08090356 -006	R08100295 -014
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01
Radionuclides, Dissolved											
Gross Alpha, Dissolved	pCi/L	15		3.9	5.2	14.3	23.9	4	7.1	5.9	9.8
Gross Beta, Dissolved	pCi/L			-2.1 j	10.7	9	9.9	3.7 j	6.7	8.2	9.1
Gross Gamma, Dissolved	pCi/L			0 j	0 j	0 j	0 j	0 j	0 j	1000	1100
Lead 210, Dissolved	pCi/L			-11.2 j	-4.9 j	-2.7 j	-5.3 j	-3 j	3.4 j	-1 j	-1 j
Polonium 210, Dissolved	pCi/L			0.6 j	0.9 j	-0.2 j	0.2 j	-0.1 j	-0.3 j	0 j	0.1 j
Radium 226, Dissolved	pCi/L	5		1	0.5	1.8	3.3	0.4	1.3	1.5	0.8
Thorium 230, Dissolved	pCi/L			0 j	0 j	0 j	0 j	0 j	0 j	0 j	0 j
Radionuclides, Suspended											
Lead 210, Suspended	pCi/L			0 j	0 j	2.1 j	5.6 j	1.1 j	0.2 j	-0.9 j	-0.7 j
Polonium 210, Suspended	pCi/L			0.5 j	0.6 j	0 j	0.5 j	0 j	0.1 j	-0.062 j	0 j
Radium 226, Suspended	pCi/L	5		0.6	-0.2 j	-0.1 j	-0.4 j	-0.4 j	-0.1 j	-0.2 j	-0.3 j
Thorium 230, Suspended	pCi/L			0.2 j	0.2 j	0.1 j	0 j	0 j	0 j	-0.1 j	-0.3 j
Radionuclides, Total											
Radon 222, Total	pCi/L			190	185	497	517	228	343	214	260
Data Quality Parameters											
A/C Balance (± 5)	%			0.93	5.13	3.21	7.89	1.3	4.56	1.13	2.18
Anions	meq/l			14	13.9	14.5	13.3	14.9	14.3	14.5	14.3
Cations	meq/l			14.3	15.4	15.5	15.6	15.3	15.7	14.8	14.9
Solids, Total Dissolved Calculated	mg/L			941	951	984	934	996	978	957	973
TDS Balance (0.80 - 1.20)	dec. %			0.94	0.98	0.94	0.99	0.93	0.96	0.96	0.97

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				694	694	694	694	Summary Statistics for Hydro ID 694					
Month Sampled				Nov-08	Dec-08	Jan-09	Feb-09						
Date and Time Collected				11/18/2008 8:45:00 AM	12/17/2008 4:05:00 PM	1/20/2009 4:55:00 PM	2/24/2009 5:31:00 PM						
Lab ID				R08110211 -002	R08120255 -012	R09010301 -013	R09020293 -015						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1460	1500	1450	1450	12	0	1316	1500	1432	58.469883
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	4	0	0.19	0.3	0.2425	0.0556028
Field pH	s.u.		6.5-8.5	8.11	8.22	7.51	8.24	11	0	7.51	8.81	8.1481818	0.3809152
Field Temperature	Deg C			10.4	9.9	12.7	11.3	12	0	9.9	13.2	11.815	1.0574369
Field Turbidity	NTUs			NM	NM	NM	NM	6	0	-0.1	5.3	2.1833333	2.459607
Water Level Elevation	ft AMSL			3639.57	3627.81	3649.03	3639.13	6	0	3627.81	3649.03	3639.075	6.734644
Physical Properties													
Conductivity @ 25 C	umhos/cm			1340	1340	1400	1290	12	0	1100	1690	1388.3333	136.37071
Oxidation-Reduction Potential	mV			280	260	240	130	12	0	99	280	183.25	60.927863
pH, Laboratory	s.u.		6.5-8.5	8.03	8.14	8.05	8.08	12	0	8.03	8.71	8.2508333	0.1945371
Sodium Adsorption Ratio (SAR)	unitless			12	11	11	11	12	0	11	12	11.416667	0.5149287
Solids, Total Dissolved TDS @ 180 C	mg/L		500	790	900	920	920	12	0	790	950	910	41.560471
Major Ions													
Alkalinity, Total as CaCO3	mg/L			178	180	178	182	12	0	174	184	180.16667	2.6227443
Bicarbonate as HCO3	mg/L			217	219	217	222	12	0	212	222	218.75	3.1370223
Calcium, Dissolved	mg/L			30.9	29.8	27	31 d	12	0	27	32.3	30.1	1.5219605
Carbonate as CO3	mg/L			<5	<5	<5	<5	12	12	<5	<5	<5	<5
Chloride	mg/L		250	13	13	12	12	12	0	12	15	12.666667	0.8876254
Fluoride	mg/L	4	2	0.4	0.3	0.5	0.4	12	0	0.3	0.5	0.3833333	0.0717741
Magnesium, Dissolved	mg/L			10.6	10.4	9.6	10.7	12	0	9.6	11.1	10.508333	0.4273775
Nitrogen, Ammonia as N	mg/L			0.4	0.4	0.4	0.4	12	0	0.3	0.4	0.3916667	0.0288675
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	12	12	<0.05	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	12	12	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			9.1	9	8.8	10.1	12	0	8.6	13.4	9.5666667	1.272316
Silica	mg/L			9.9	9.9	7.5	8.8	12	1	<0.5	9.9	6.2458333	3.2250059
Sodium, Dissolved	mg/L			293 d	280 d	253	273	12	0	253	297	283.41667	13.180277
Sulfate, Total	mg/L		250	476 d	459 d	483 d	470	12	0	456	526	484.91667	20.698961
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	<0.001	<0.001	12	10	<0.001	0.002	0.0006667	0.0004438
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	12	8	<0.03	0.1	0.0383333	0.0351188
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.06	0.07	0.06	0.06	12	0	0.05	0.07	0.0616667	0.0071774
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	12	12	<0.0003	<0.0003	<0.0003	<0.0003
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0009	<0.0003	<0.0003	12	12	<0.0003	<0.0009	<0.0009	<0.0009
Metals, Total													
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	12	12	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		<0.001	<0.001	<0.001	<0.001	12	8	<0.001	0.003	0.0012083	0.0010104
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.003	<0.003	<0.003
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.2	12	12	<0.1	<0.2	<0.2	<0.2
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.14	0.16	0.14 d	0.1	12	0	0.04	0.67	0.1616667	0.1635311
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.06	0.06	0.06	0.07	12	0	0.05	0.07	0.0633333	0.0065134
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.002	<0.002	<0.002
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			0.7	0.7	0.8	0.8	12	0	0.7	0.8	0.775	0.0452267
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	12	12	<0.0003	<0.0003	<0.0003	<0.0003

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				694	694	694	694	Summary Statistics for Hydro ID 694					
Month Sampled				Nov-08	Dec-08	Jan-09	Feb-09						
Date and Time Collected				11/18/2008 8:45:00 AM	12/17/2008 4:05:00 PM	1/20/2009 4:55:00 PM	2/24/2009 5:31:00 PM						
Lab ID				R08110211 -002	R08120255 -012	R09010301 -013	R09020293 -015						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	11	<0.01	0.01	0.0054167	0.0014434
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		6.9	8.2	20.2	4.3 j	12	0	3.9	23.9	9.475	6.6008436
Gross Beta, Dissolved	pCi/L			9	9.5	6.4	2 j	12	0	-2.1	10.7	6.8416667	3.8263342
Gross Gamma, Dissolved	pCi/L			0 j	840	940	1000	12	0	0	1100	406.66667	505.84463
Lead 210, Dissolved	pCi/L			0 j	3.2 j	0.4 j	-0.3 j	12	0	-11.2	3.4	-1.866667	4.0007575
Polonium 210, Dissolved	pCi/L			0.2 j	0 j	0 j	-0.094 j	12	0	-0.3	0.9	0.1088333	0.3393442
Radium 226, Dissolved	pCi/L	5		0.8	0.8	1	1.3	12	0	0.4	3.3	1.2083333	0.7727852
Thorium 230, Dissolved	pCi/L			0.2 j	0.1 j	0.1 j	0.2	12	0	0	0.2	0.05	0.0797724
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			-6 j	0.5 j	-4 j	0.8 j	12	0	-6	5.6	-0.108333	2.8773278
Polonium 210, Suspended	pCi/L			-0.11 j	0 j	-0.035 j	0.045 j	12	0	-0.11	0.6	0.1281667	0.2508302
Radium 226, Suspended	pCi/L	5		-0.3 j	-0.1 j	-0.4 j	-0.2 j	12	0	-0.4	0.6	-0.175	0.270101
Thorium 230, Suspended	pCi/L			0 j	-0.2 j	-0.1 j	-0.04 j	12	0	-0.3	0.2	-0.02	0.1467218
Radionuclides, Total													
Radon 222, Total	pCi/L			222	182	250	234	12	0	182	517	276.83333	115.86656
Data Quality Parameters													
A/C Balance (± 5)	%			5.4	4.39	-2.22	2.91	12	0	-2.22	7.89	3.0675	2.6485815
Anions	meq/l			13.8	13.5	14	13.8	12	0	13.3	14.9	14.066667	0.453939
Cations	meq/l			15.4	14.8	13.4	14.6	12	0	13.4	15.7	14.975	0.6607503
Solids, Total Dissolved Calculated	mg/L			967	936	921	941	12	0	921	996	956.58333	23.078752
TDS Balance (0.80 - 1.20)	dec. %			0.82	0.97	1	0.98	12	0	0.82	1	0.9533333	0.0469687

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				695	695	695	695	695	695	695	695
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/31/2008 4:31:00 PM	4/22/2008 12:46:00 PM	5/21/2008 2:45:00 PM	6/24/2008 5:30:00 PM	7/14/2008 1:42:00 PM	8/20/2008 2:20:00 PM	9/23/2008 11:00:00 AM	10/21/2008 9:10:00 AM
Lab ID				R08040002 -003	R08040287 -001	R08050321 -003	R08060427 -004	R08070244 -003	R08080332 -005	R08090356 -008	R08100295 -012
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Field Parameters											
Field Conductivity	umhos/cm			1249	NM	1375	1405	1404	1297	1450	1440
Field Dissolved Oxygen	mg/L			0.14	NM	0.21	0.19	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	8	NM	7.86	7.53	7.26	NM	7.85	7.83
Field Temperature	Deg C			11.28	NM	11.89	11.87	12.75	12.23	13.3	12.3
Field Turbidity	NTUs			-0.1	NM	-0.1	-0.1	5.4	5.5	NM	NM
Water Level Elevation	ft AMSL			3634.12	3630.68	3630.27	3631.05	3631.95	3632.25	3632.62	3631.61
Physical Properties											
Conductivity @ 25 C	umhos/cm			1390	1370	1560	1380	1450	1650	1040	1440
Oxidation-Reduction Potential	mV			230	290	190	120	150	210	150	230
pH, Laboratory	s.u.		6.5-8.5	8.16	8.08	7.91	8.14	7.98	8.08	7.93	8.07
Sodium Adsorption Ratio (SAR)	unitless			7.3	7.8	7.6	7.5	8.1	7.8	7.3	7.5
Solids, Total Dissolved TDS @ 180 C	mg/L		500	870	910	920	920	950	900	880	1100
Major Ions											
Alkalinity, Total as CaCO3	mg/L			176	174	180	174	174	172	174	172
Bicarbonate as HCO3	mg/L			215	212	219	212	212	210	212	210
Calcium, Dissolved	mg/L			48	50.1	52.1	52.5	48	52.7	46.4	51.4
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	14	11	11	11	12	12	12	13
Fluoride	mg/L	4	2	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
Magnesium, Dissolved	mg/L			17.8	17.6	19.4	18.8	17.8	18.9	17.3	18.5
Nitrogen, Ammonia as N	mg/L			0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.2
Nitrogen, Nitrate as N	mg/L	10		<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			8.7	8.4	8.8	8.7	12.4	8.6	7.6	8.5
Silica	mg/L			7.4	3.9	4.4	4.4	1.9	4	<0.5	8.8
Sodium, Dissolved	mg/L			234	251 d	254 d	250 d	258	258 d	229	246 d
Sulfate, Total	mg/L		250	476 d	504	530 d	442	534 d	466 d	514	478 d
Metals, Dissolved											
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.07	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.07	0.08	0.09	0.08	0.08	0.08	0.07	0.08
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.003	0.0029	0.0029	0.0027	0.0028	0.0026	0.0027	0.003
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02
Metals, Dissolved, Speciated											
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended											
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total											
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.002	0.001	0.002	<0.001	0.004	<0.001	0.001	0.001
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.005	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.11	0.14	0.12	0.12	0.16	0.16	0.16	0.16
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.08	0.08	0.09	0.08	0.09	0.08	0.08	0.08
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	<0.002	0.004 d	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			0.9	1	1	1	1	0.9	0.9	0.9
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.0031	0.0032	0.0029	0.0027	0.0031	0.0026	0.0029	0.003

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				695	695	695	695	695	695	695	695
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/31/2008 4:31:00 PM	4/22/2008 12:46:00 PM	5/21/2008 2:45:00 PM	6/24/2008 5:30:00 PM	7/14/2008 1:42:00 PM	8/20/2008 2:20:00 PM	9/23/2008 11:00:00 AM	10/21/2008 9:10:00 AM
Lab ID				R08040002 -003	R08040287 -001	R08050321 -003	R08060427 -004	R08070244 -003	R08080332 -005	R08090356 -008	R08100295 -012
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Radionuclides, Dissolved											
Gross Alpha, Dissolved	pCi/L	15		52.2	29.4	25.6	39.7	28.2	21.6	15.9	27.8
Gross Beta, Dissolved	pCi/L			16.1	6	8	11	7.7	8.5	1.8 j	11.6
Gross Gamma, Dissolved	pCi/L			0 j	0 j	140	0 j	0 j	450	0 j	1100
Lead 210, Dissolved	pCi/L			-12.4 j	-1.8 j	3.1 j	0.7 j	-2 j	-1 j	1.5 j	-0.4 j
Polonium 210, Dissolved	pCi/L			1.1	1.6	-0.3 j	0.1 j	-0.1 j	-0.2 j	0 j	0 j
Radium 226, Dissolved	pCi/L	5		6.3	5	3.7	5.2	4.7	3.9	5.9	4
Thorium 230, Dissolved	pCi/L			0 j	0 j	0 j	0 j	0 j	0 j	0 j	0.1 j
Radionuclides, Suspended											
Lead 210, Suspended	pCi/L			0 j	-2.1 j	-0.7 j	2.9 j	-5 j	-6 j	4.4 j	-1 j
Polonium 210, Suspended	pCi/L			0.6 j	0.4 j	-0.2 j	0 j	0.2 j	0.1 j	0 j	0 j
Radium 226, Suspended	pCi/L	5		0.6	-0.4 j	-0.2 j	-0.1 j	-0.4 j	-0.005 j	-0.06 j	-0.3 j
Thorium 230, Suspended	pCi/L			0.1 j	0.3	0 j	0 j	0 j	0 j	0.3	0 j
Radionuclides, Total											
Radon 222, Total	pCi/L			1400	1400	2090	2120	1490	1950	1820	1860
Data Quality Parameters											
A/C Balance (± 5)	%			1.52	2.68	1.68	7.98	1.44	7.38	-2.1	4.33
Anions	meq/l			13.9	14.3	15	13	15	13.5	14.5	13.8
Cations	meq/l			14.3	15.1	15.5	15.3	15.4	15.6	13.9	15
Solids, Total Dissolved Calculated	mg/L			925	957	996	901	991	931	931	942
TDS Balance (0.80 - 1.20)	dec. %			0.94	0.96	0.92	1.02	0.96	0.97	0.95	1.15

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				695	695	695	695	Summary Statistics for Hydro ID 695					
Month Sampled				Nov-08	Dec-08	Jan-09	Feb-09						
Date and Time Collected				11/18/2008 1:25:00 PM	12/17/2008 3:10:00 PM	1/20/2009 12:15:00 PM	2/24/2009 4:56:00 PM						
Lab ID				R08110211 -009	R08120255 -010	R09010301 -005	R09020293 -013						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1370	1480	1450	1400	11	0	1249	1480	1392.7273	68.843432
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	3	0	0.14	0.21	0.18	0.0360555
Field pH	s.u.		6.5-8.5	7.85	7.96	7.9	7.99	10	0	7.26	8	7.803	0.2322857
Field Temperature	Deg C			15	10.4	10.8	11.9	11	0	10.4	15	12.156364	1.252352
Field Turbidity	NTUs			NM	NM	NM	NM	5	0	-0.1	5.5	2.12	3.0400658
Water Level Elevation	ft AMSL			3632.65	3629.53	3632.53	3632.53	12	0	3629.53	3634.12	3631.8158	1.2581332
Physical Properties													
Conductivity @ 25 C	umhos/cm			1290	1320	1350	1350	12	0	1040	1650	1382.5	148.63775
Oxidation-Reduction Potential	mV			280	250	260	140	12	0	120	290	208.33333	57.813703
pH, Laboratory	s.u.		6.5-8.5	8.18	7.93	7.81	7.86	12	0	7.81	8.18	8.0108333	0.123543
Sodium Adsorption Ratio (SAR)	unitless			7.6	7.5	7.6	7	12	0	7	8.1	7.55	0.2812311
Solids, Total Dissolved TDS @ 180 C	mg/L		500	940	890	910	910	12	0	870	1100	925	59.620009
Major Ions													
Alkalinity, Total as CaCO3	mg/L			172	172	174	178	12	0	172	180	174.33333	2.5346089
Bicarbonate as HCO3	mg/L			210	210	212	217	12	0	210	219	212.58333	2.9374799
Calcium, Dissolved	mg/L			52.7	50.9	49.8	50 d	12	0	46.4	52.7	50.383333	2.072694
Carbonate as CO3	mg/L			<5	<5	<5	<5	12	12	<5	<5	<5	<5
Chloride	mg/L		250	13	12	12	12	12	0	11	14	12.083333	0.9003366
Fluoride	mg/L	4	2	0.4	0.4	0.6	0.5	12	0	0.4	0.6	0.45	0.06742
Magnesium, Dissolved	mg/L			19	18.4	18.3	17.6	12	0	17.3	19.4	18.283333	0.6630965
Nitrogen, Ammonia as N	mg/L			0.2	0.2	0.2	0.2	12	0	0.1	0.2	0.1833333	0.0389249
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	12	11	<0.1	0.06	0.0508333	0.0028868
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	12	12	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			8.7	8.6	9.5	9.8	12	0	7.6	12.4	9.025	1.1924955
Silica	mg/L			8.9	8.8	7.9	7.6	12	1	<0.5	8.9	5.6875	2.9302595
Sodium, Dissolved	mg/L			253 d	247 d	247	225	12	0	225	258	246	10.946149
Sulfate, Total	mg/L		250	481 d	483 d	500 d	494 d	12	0	442	534	491.83333	26.51529
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	<0.001	<0.001	12	9	<0.001	0.001	0.000625	0.0002261
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	12	11	<0.03	0.07	0.0195833	0.0158771
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.08	0.08	0.08	0.08	12	0	0.07	0.09	0.0791667	0.0051493
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0029	0.0026	0.0031	0.0028	12	0	0.0026	0.0031	0.0028333	0.0001614
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	11	<0.01	0.02	0.00625	0.0043301
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0009	<0.0003	<0.0003	12	12	<0.0003	<0.0009	<0.0009	<0.0009
Metals, Total													
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	12	12	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.001	<0.001	0.001	<0.001	12	4	<0.001	0.004	0.00125	0.0010113
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.005	<0.005	<0.005
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.2	12	11	<0.1	0.1	0.0583333	0.0194625
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.001	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.16	0.17	0.13 d	0.23	12	0	0.11	0.23	0.1536364	0.0326413
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.08	0.07	0.08	0.08	12	0	0.07	0.09	0.0808333	0.0051493
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	11	<0.001	0.004	0.0008333	0.0010075
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			0.9	0.9	1	0.9	12	0	0.9	1	0.9416667	0.0514929
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.0026	0.0026	0.0031	0.0027	12	0	0.0026	0.0032	0.002875	0.0002261

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				695	695	695	695	Summary Statistics for Hydro ID 695					
Month Sampled				Nov-08	Dec-08	Jan-09	Feb-09						
Date and Time Collected				11/18/2008 1:25:00 PM	12/17/2008 3:10:00 PM	1/20/2009 12:15:00 PM	2/24/2009 4:56:00 PM						
Lab ID				R08110211 -009	R08120255 -010	R09010301 -005	R09020293 -013						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	0.01	12	10	<0.01	0.01	0.0058333	0.0019462
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		19.2	26.8	35.8	18.7	12	0	15.9	52.2	28.408333	10.188716
Gross Beta, Dissolved	pCi/L			9.7	13	12.1	12.7	12	0	1.8	16.1	9.85	3.7667203
Gross Gamma, Dissolved	pCi/L			1100	850	0 j	1200	12	0	0	1200	403.33333	509.22996
Lead 210, Dissolved	pCi/L			0.3 j	3.4 j	1.5 j	0.9 j	12	0	-12.4	3.4	-0.516667	4.1122507
Polonium 210, Dissolved	pCi/L			0 j	0 j	0.051 j	0.16 j	12	0	-0.3	1.6	0.2009167	0.5611507
Radium 226, Dissolved	pCi/L	5		4.8	4.8	4.5	4.7	12	0	3.7	6.3	4.7916667	0.7645062
Thorium 230, Dissolved	pCi/L			0.2 j	0.1 j	0 j	-0.02 j	12	0	-0.02	0.2	0.0316667	0.0663097
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			-0.9 j	5.9 j	6.6 j	0.1 j	12	0	-6	6.6	0.35	3.9587647
Polonium 210, Suspended	pCi/L			0.058 j	0.2 j	0.13 j	0.25 j	12	0	-0.2	0.6	0.1448333	0.2091202
Radium 226, Suspended	pCi/L	5		-0.2 j	-0.4 j	-0.1 j	-0.1 j	12	0	-0.4	0.6	-0.13875	0.2717964
Thorium 230, Suspended	pCi/L			0.1 j	-0.1 j	0 j	0.02 j	12	0	-0.1	0.3	0.06	0.1232883
Radionuclides, Total													
Radon 222, Total	pCi/L			2020	1880	1840	1600	12	0	1400	2120	1789.1667	256.56678
Data Quality Parameters													
A/C Balance (± 5)	%			5.57	4.06	2.54	-0.61	12	0	-2.1	7.98	3.0391667	3.0028213
Anions	meq/l			13.8	13.8	14.3	14.2	12	0	13	15	14.091667	0.5838093
Cations	meq/l			15.4	15	15	14	12	0	13.9	15.6	14.958333	0.5806866
Solids, Total Dissolved Calculated	mg/L			954	947	962	937	12	0	901	996	947.83333	26.86611
TDS Balance (0.80 - 1.20)	dec. %			0.98	0.94	0.95	0.97	12	0	0.92	1.15	0.9758333	0.0602206

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				696	696	696	696	696	696	696	696
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/30/2008 10:11:00 AM	4/21/2008 12:24:00 PM	5/21/2008 3:54:00 PM	6/24/2008 3:16:00 PM	7/14/2008 3:30:00 PM	8/20/2008 3:45:00 PM	9/23/2008 10:00:00 AM	10/21/2008 8:25:00 AM
Lab ID				R08030315 -001	R08040250 -001	R08050321 -004	R08060427 -003	R08070244 -005	R08080332 -007	R08090356 -005	R08100295 -013
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Field Parameters											
Field Conductivity	umhos/cm			1245	1412	1366	1428	1436	1313	1440	1480
Field Dissolved Oxygen	mg/L			NM	0.09	0.28	NM	2.6	NM	NM	NM
Field pH	s.u.		6.5-8.5	7.5	7.45	7.47	7.5	7.31	NM	7.46	7.5
Field Temperature	Deg C			13.02	12.9	13.18	14.15	13.91	13.47	13.8	13.4
Field Turbidity	NTUs			3.1	4	12.9	2.1	6.2	5.5	NM	NM
Water Level Elevation	ft AMSL			3648.48	NM	3648.1	3648.81	3648.63	3649.08	3648.44	3648.44
Physical Properties											
Conductivity @ 25 C	umhos/cm			1370	1370	1550	1400	1320	1570	1070	1450
Oxidation-Reduction Potential	mV			280	360	210	140	160	220	230	240
pH, Laboratory	s.u.		6.5-8.5	7.65	7.94	7.54	7.82	7.73	7.81	7.63	7.96
Sodium Adsorption Ratio (SAR)	unitless			3.7	3.8	3.8	3.9	4.1	3.9	3.9	3.9
Solids, Total Dissolved TDS @ 180 C	mg/L		500	970	1000	970	960	980	990	950	1100
Major Ions											
Alkalinity, Total as CaCO3	mg/L			204	202	192	206	206	202	202	202
Bicarbonate as HCO3	mg/L			249	246	234	251	251	246	246	246
Calcium, Dissolved	mg/L			91.6	97	103	103	92	103	101	98.8
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	11	9	9	9	9	9	9	9
Fluoride	mg/L	4	2	0.3	0.2	0.3	0.3	0.4	0.4	0.4	0.2
Magnesium, Dissolved	mg/L			35.4	37.6	38.6	37.1	36.9	36.9	37.3	36.5
Nitrogen, Ammonia as N	mg/L			0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			12.3	13	13.1	13.6	17.6	13.4	12.8	12.9
Silica	mg/L			8.1	8.4	4.7	4.6	2.1	4.1	<0.5	9.3
Sodium, Dissolved	mg/L			165	176	180 d	180 d	185	182 d	179	177 d
Sulfate, Total	mg/L		250	531 d	512	493 d	486	528 d	540 d	533 d	519 d
Metals, Dissolved											
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.002	0.002	0.002	0.001	0.002	<0.001	0.002	0.002
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	0.05	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.14	0.15	0.16	0.16	0.1	0.16	0.13	0.16
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0005	0.0005	0.0006	0.0006	0.0007	0.0005	0.0005	0.0006
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated											
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended											
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total											
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.005 d	0.002	0.004	<0.003	0.007	<0.001	0.002	0.002
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.18	0.14	0.16	0.14	0.17	0.15	0.18	0.17
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.2	0.15	0.17	0.16	0.16	0.16	0.15	0.16
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	<0.002	0.005 d	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			2.7	2.8	3	2.9	2.7	2.9	2.7	2.8
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.0006	0.0006	0.0006	0.0006	0.0005	0.0005	0.0006	0.0006

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				696	696	696	696	696	696	696	696
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/30/2008 10:11:00 AM	4/21/2008 12:24:00 PM	5/21/2008 3:54:00 PM	6/24/2008 3:16:00 PM	7/14/2008 3:30:00 PM	8/20/2008 3:45:00 PM	9/23/2008 10:00:00 AM	10/21/2008 8:25:00 AM
Lab ID				R08030315 -001	R08040250 -001	R08050321 -004	R08060427 -003	R08070244 -005	R08080332 -007	R08090356 -005	R08100295 -013
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Zinc, Total	mg/L		5	0.02	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01
Radionuclides, Dissolved											
Gross Alpha, Dissolved	pCi/L	15		8.8	19.2	10.6	23.7	15.1	12.5	7.4	9.1
Gross Beta, Dissolved	pCi/L			10.3	15.7	12.5	15	11.1	10.7	9.3	11.1
Gross Gamma, Dissolved	pCi/L			0 j	0 j	0 j	0 j	0 j	0 j	0 j	1200
Lead 210, Dissolved	pCi/L			-9.8 j	0 j	-2.3 j	-0.1 j	1.1 j	0 j	-2 j	-1 j
Polonium 210, Dissolved	pCi/L			1.8	1.4	0.6 j	0 j	0.4 j	0 j	0.2 j	0.1 j
Radium 226, Dissolved	pCi/L	5		1.6	4.2	1.9	2.2	2.3	1.8	1.7	1.4
Thorium 230, Dissolved	pCi/L			0.2	0 j	0 j	0.1 j	0 j	0 j	0.1 j	0 j
Radionuclides, Suspended											
Lead 210, Suspended	pCi/L			0 j	0 j	1.4 j	4.8 j	0.2 j	-7 j	-1 j	-2 j
Polonium 210, Suspended	pCi/L			0.9 j	0.2 j	-0.1 j	0 j	0 j	0 j	0.17 j	0 j
Radium 226, Suspended	pCi/L	5		1	-0.4 j	-0.2 j	-0.3 j	-0.4 j	-0.1 j	-0.04 j	-0.4 j
Thorium 230, Suspended	pCi/L			0.1 j	0 j	0.3	0 j	0 j	0 j	0 j	0 j
Radionuclides, Total											
Radon 222, Total	pCi/L			313	251	619	611	245	401	296	281
Data Quality Parameters											
A/C Balance (± 5)	%			-1.48	3.2	6.92	6.22	2.38	2.72	2.57	2.88
Anions	meq/l			15.4	15	14.4	14.5	15.4	15.6	15.4	15.1
Cations	meq/l			15	15.9	16.5	16.4	16.2	16.4	16.2	16
Solids, Total Dissolved Calculated	mg/L			990	988	965	965	999	1020	993	999
TDS Balance (0.80 - 1.20)	dec. %			0.98	1.01	1.01	1	0.98	0.97	0.96	1.06

* 1/2 RL used to calculate mean and standard devaiation where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				696	696	696	696	Summary Statistics for Hydro ID 696					
Month Sampled				Nov-08	Dec-08	Jan-09	Feb-09						
Date and Time Collected				11/18/2008 9:00:00 AM	12/17/2008 3:45:00 PM	1/20/2009 5:00:00 PM	2/24/2009 5:15:00 PM						
Lab ID				R08110211 -003	R08120255 -011	R09010301 -014	R09020293 -014						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1470	1490	1470	1420	12	0	1245	1490	1414.1667	73.153429
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	3	0	0.09	2.6	0.99	1.3975335
Field pH	s.u.		6.5-8.5	7.64	7.62	8.16	7.61	11	0	7.31	8.16	7.5654545	0.2180992
Field Temperature	Deg C			12.7	11.2	10.9	13.1	12	0	10.9	14.15	12.9775	0.9980993
Field Turbidity	NTUs			NM	NM	NM	NM	6	0	2.1	12.9	5.6333333	3.8655746
Water Level Elevation	ft AMSL			3648.44	3649.36	3639.9	3649.59	11	0	3639.9	3649.59	3647.9336	2.7014784
Physical Properties													
Conductivity @ 25 C	umhos/cm			1310	1320	1370	1340	12	0	1070	1570	1370	127.63585
Oxidation-Reduction Potential	mV			280	270	270	150	12	0	140	360	234.16667	63.883179
pH, Laboratory	s.u.		6.5-8.5	7.93	7.7	7.55	7.55	12	0	7.54	7.96	7.7341667	0.1565223
Sodium Adsorption Ratio (SAR)	unitless			4	3.8	3.8	3.7	12	0	3.7	4.1	3.8583333	0.11645
Solids, Total Dissolved TDS @ 180 C	mg/L		500	980	960	960	970	12	0	950	1100	982.5	39.571569
Major Ions													
Alkalinity, Total as CaCO3	mg/L			182	204	208	206	12	0	182	208	201.33333	7.3029674
Bicarbonate as HCO3	mg/L			222	249	254	251	12	0	222	254	245.41667	8.9082019
Calcium, Dissolved	mg/L			101	96.1	86.6	99 d	12	0	86.6	103	97.675	5.2648275
Carbonate as CO3	mg/L			<5	<5	<5	<5	12	12	<5	<5	<5	<5
Chloride	mg/L		250	9	9	9	9	12	0	9	11	9.1666667	0.5773503
Fluoride	mg/L	4	2	0.3	0.3	0.4	0.4	12	0	0.2	0.4	0.325	0.0753778
Magnesium, Dissolved	mg/L			36.2	36	32.8	35.5	12	0	32.8	38.6	36.4	1.4478825
Nitrogen, Ammonia as N	mg/L			0.2	0.3	0.2	0.2	12	0	0.2	0.3	0.2166667	0.0389249
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	12	12	<0.05	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	12	12	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			13.3	12.9	12.3	13.6	12	0	12.3	17.6	13.4	1.3902256
Silica	mg/L			9.3	9.5	7.6	8.7	12	1	<0.5	9.5	6.3875	3.1302138
Sodium, Dissolved	mg/L			184 d	172 d	162	171	12	0	162	185	176.08333	7.2670906
Sulfate, Total	mg/L		250	484 d	507 d	508 d	518 d	12	0	484	540	513.25	18.513509
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	<0.001	0.001	0.001	12	2	<0.001	0.002	0.0014167	0.0006337
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	12	11	<0.03	0.05	0.0179167	0.0101036
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.15	0.16	0.15	0.15	12	0	0.1	0.16	0.1475	0.0176455
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0006	0.0005	0.0006	0.0005	12	0	0.0005	0.0007	0.0005583	6.686E-05
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	11	<0.1	0.1	0.0541667	0.0144338
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0009	<0.0003	<0.0003	12	12	<0.0003	<0.0009	<0.0009	<0.0009
Metals, Total													
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	12	12	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.002	0.002	0.002	0.001	12	2	<0.001	0.007	0.0025833	0.0018443
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.003	<0.003	<0.003
Boron, Total	mg/L			<0.1	0.1	<0.1	<0.2	12	11	<0.1	0.1	0.0583333	0.0194625
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.19	0.19	0.15 d	0.11	12	0	0.11	0.19	0.1608333	0.0239159
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.15	0.15	0.15	0.17	12	0	0.15	0.2	0.1608333	0.0144338
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	11	<0.001	0.005	0.0009167	0.0012939
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			2.6	2.7	2.7	2.7	12	0	2.6	3	2.7666667	0.1154701
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.0005	0.0005	0.0006	0.0005	12	0	0.0005	0.0006	0.0005583	5.149E-05

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				696	696	696	696	Summary Statistics for Hydro ID 696					
Month Sampled				Nov-08	Dec-08	Jan-09	Feb-09						
Date and Time Collected				11/18/2008 9:00:00 AM	12/17/2008 3:45:00 PM	1/20/2009 5:00:00 PM	2/24/2009 5:15:00 PM						
Lab ID				R08110211 -003	R08120255 -011	R09010301 -014	R09020293 -014						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	10	<0.01	0.02	0.0066667	0.0044381
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		9.2	9.3	25.9	8.3	12	0	7.4	25.9	13.258333	6.3488665
Gross Beta, Dissolved	pCi/L			5.9	7.7	16.8	10.9	12	0	5.9	16.8	11.416667	3.1951194
Gross Gamma, Dissolved	pCi/L			0 j	850	1000	1600	12	0	0	1600	387.5	597.00959
Lead 210, Dissolved	pCi/L			-0.1 j	2.2 j	-0.9 j	1.3 j	12	0	-9.8	2.2	-0.966667	3.070189
Polonium 210, Dissolved	pCi/L			0 j	0 j	0.045 j	-0.031 j	12	0	-0.031	1.8	0.3761667	0.6086475
Radium 226, Dissolved	pCi/L	5		1.7	1.5	1.7	2.2	12	0	1.4	4.2	2.0166667	0.7444746
Thorium 230, Dissolved	pCi/L			0.1 j	0 j	0 j	0.05 j	12	0	0	0.2	0.0458333	0.0655686
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			-4 j	1.7 j	-1 j	-0.2 j	12	0	-7	4.8	-0.591667	2.9351966
Polonium 210, Suspended	pCi/L			-0.04 j	0.4 j	0.056 j	0.31 j	12	0	-0.1	0.9	0.158	0.2780072
Radium 226, Suspended	pCi/L	5		-0.4 j	-0.3 j	-0.2 j	-0.1 j	12	0	-0.4	1	-0.153333	0.3860601
Thorium 230, Suspended	pCi/L			0 j	0.1 j	-0.1 j	-0.09 j	12	0	-0.1	0.3	0.0258333	0.1044865
Radionuclides, Total													
Radon 222, Total	pCi/L			331	215	270	235	12	0	215	619	339	138.07574
Data Quality Parameters													
A/C Balance (± 5)	%			7.92	2.21	-2.05	1.67	12	0	-2.05	7.92	2.93	2.9931801
Anions	meq/l			14	14.9	15	15.2	12	0	14	15.6	14.991667	0.4776045
Cations	meq/l			16.4	15.6	14.4	15.7	12	0	14.4	16.5	15.891667	0.6388318
Solids, Total Dissolved Calculated	mg/L			962	981	956	994	12	0	956	1020	984.33333	19.013552
TDS Balance (0.80 - 1.20)	dec. %			1.01	0.98	1	0.98	12	0	0.96	1.06	0.995	0.0264575

* 1/2 RL used to calculate mean and standard devaiation where non-detect data occur

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				697	697	697	697	697	697	697	697
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/30/2008 4:36:00 PM	4/22/2008 4:02:00 PM	5/21/2008 4:44:00 PM	6/24/2008 6:20:00 PM	7/14/2008 3:52:00 PM	8/20/2008 5:10:00 PM	9/23/2008 11:45:00 AM	10/21/2008 9:45:00 AM
Lab ID				R08030315 -006	R08040287 -005	R08050321 -005	R08060427 -005	R08070244 -006	R08080332 -008	R08090356 -004	R08100295 -011
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Field Parameters											
Field Conductivity	umhos/cm			1131	1258	1239	1267	1286	1164	1300	1310
Field Dissolved Oxygen	mg/L			0.2	0.15	0.29	0.16	NM	0.29	NM	NM
Field pH	s.u.		6.5-8.5	7.8	7.8	7.77	7.56	7.72	7.44	7.76	7.75
Field Temperature	Deg C			13.78	13.91	13.9	13.87	14.43	13.91	14.6	13.9
Field Turbidity	NTUs			-0.2	3.2	0.1	3.9	4.9	3.9	NM	NM
Water Level Elevation	ft AMSL			3679.14	3679.85	3679.6	3680.8	3680.66	3680.59	3679.83	3679.6
Physical Properties											
Conductivity @ 25 C	umhos/cm			1250	1230	1380	1230	1290	1330	951	1280
Oxidation-Reduction Potential	mV			200	320	200	140	160	210	160	210
pH, Laboratory	s.u.		6.5-8.5	7.83	8.07	7.9	8.25	7.93	8.03	7.83	8.15
Sodium Adsorption Ratio (SAR)	unitless			6.2	6.6	6.5	6.6	6.9	6.7	6.4	6.4
Solids, Total Dissolved TDS @ 180 C	mg/L		500	800	810	790	810	830	840	810	1000
Major Ions											
Alkalinity, Total as CaCO3	mg/L			166	166	168	168	166	172	168	166
Bicarbonate as HCO3	mg/L			202	202	205	205	202	210	205	202
Calcium, Dissolved	mg/L			49.2	50.6	52.8	53.4	48.7	53.5	53.1	52.9
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	10	8	8	8	8	8	8	8
Fluoride	mg/L	4	2	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5
Magnesium, Dissolved	mg/L			16.9	17.3	18	17.7	17.5	17.5	17.5	17.3
Nitrogen, Ammonia as N	mg/L			0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.05	<0.1	0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			8.1	8.5	8.5	8.8	11.8	8.6	8.2	8.4
Silica	mg/L			7.4	4	4.6	4.6	2	4.1	8.6	9.3
Sodium, Dissolved	mg/L			197	215 d	216 d	218 d	221	219 d	210	210 d
Sulfate, Total	mg/L		250	452 d	430	456 d	409	470 d	452 d	435 d	560 d
Metals, Dissolved											
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	0.001	0.002	0.002	0.002	<0.001	0.001	0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.05	0.05	0.06	0.06	0.05	0.06	0.05	0.06
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated											
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended											
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	0.0007	<0.0003	<0.0003	<0.0003	<0.0003	0.0006
Metals, Total											
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		<0.003	0.002	0.002	0.003 d	0.004	<0.001	0.001	0.002
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.06	0.05	0.04	0.08	0.06	0.07	0.05	0.06
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.06
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		0.001	<0.001	<0.001	0.005 d	0.003 d	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			1.1	1.3	1.2	1.2	1.1	1.2	1.1	1.1
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	0.0003	<0.0003	<0.0003	<0.0003

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				697	697	697	697	697	697	697	697
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/30/2008 4:36:00 PM	4/22/2008 4:02:00 PM	5/21/2008 4:44:00 PM	6/24/2008 6:20:00 PM	7/14/2008 3:52:00 PM	8/20/2008 5:10:00 PM	9/23/2008 11:45:00 AM	10/21/2008 9:45:00 AM
Lab ID				R08030315 -006	R08040287 -005	R08050321 -005	R08060427 -005	R08070244 -006	R08080332 -008	R08090356 -004	R08100295 -011
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Zinc, Total	mg/L		5	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved											
Gross Alpha, Dissolved	pCi/L	15		6.1	8.4	4.1	11.9	6.9	5.3	6.3	7.3
Gross Beta, Dissolved	pCi/L			6.8	8.4	5.4	8.1	4.6	8.6	5.7	3.6 j
Gross Gamma, Dissolved	pCi/L			0 j	0 j	0 j	0 j	0 j	850	0 j	1700
Lead 210, Dissolved	pCi/L			-23 j	-0.7 j	-4.3 j	0.5 j	-2 j	-2 j	-2 j	-2 j
Polonium 210, Dissolved	pCi/L			1.1	0 j	0 j	-0.1 j	-0.4 j	0.4 j	-0.5 j	0.1 j
Radium 226, Dissolved	pCi/L	5		1.5	1.7	1.1	0.8	0.9	1.2	1	0.6
Thorium 230, Dissolved	pCi/L			0.4	0 j	0 j	0 j	0 j	0.1 j	0 j	0 j
Radionuclides, Suspended											
Lead 210, Suspended	pCi/L			-2.8 j	0 j	0 j	2.9 j	3.6 j	-10 j	-1 j	-2 j
Polonium 210, Suspended	pCi/L			0.9 j	0 j	1.2	0 j	0.4 j	-0.2 j	0.027 j	0.1 j
Radium 226, Suspended	pCi/L	5		0.6	-0.1 j	3.8	-0.4 j	-0.1 j	-0.4 j	0.2 j	0.05 j
Thorium 230, Suspended	pCi/L			0.1 j	0.1 j	0.3	0.2	0 j	0 j	-0.1 j	-0.1 j
Radionuclides, Total											
Radon 222, Total	pCi/L			323	284	570	413	295	367	313	319
Data Quality Parameters											
A/C Balance (± 5)	%			-1.53	3.91	2.35	6.52	1.61	2.84	2.88	-6.31
Anions	meq/l			13	12.5	13.1	12.1	13.4	13.1	12.7	15.2
Cations	meq/l			12.6	13.5	13.7	13.8	13.8	13.9	13.4	13.4
Solids, Total Dissolved Calculated	mg/L			853	840	873	829	884	874	857	983
TDS Balance (0.80 - 1.20)	dec. %			0.93	0.97	0.91	0.97	0.94	0.96	0.95	1.03

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				697	697	697	697	Summary Statistics for Hydro ID 697					
Month Sampled				Nov-08	Dec-08	Jan-09	Feb-09						
Date and Time Collected				11/18/2008 1:35:00 PM	12/17/2008 2:45:00 PM	1/20/2009 12:35:00 PM	2/24/2009 4:45:00 PM						
Lab ID				R08110211 -010	R08120255 -009	R09010301 -006	R09020293 -012						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1280	1340	1300	1280	12	0	1131	1340	1262.9167	60.17015
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	5	0	0.15	0.29	0.218	0.0683374
Field pH	s.u.		6.5-8.5	7.74	7.97	7.81	8	12	0	7.44	8	7.76	0.1513575
Field Temperature	Deg C			15.5	12.4	13.3	13.5	12	0	12.4	15.5	13.916667	0.7454752
Field Turbidity	NTUs			NM	NM	NM	NM	6	0	-0.2	4.9	2.6333333	2.1500388
Water Level Elevation	ft AMSL			3679.6	3678.67	3707.28	3679.83	12	0	3678.67	3707.28	3682.1208	7.9470732
Physical Properties													
Conductivity @ 25 C	umhos/cm			1180	1190	1220	1210	12	0	951	1380	1228.4167	105.05882
Oxidation-Reduction Potential	mV			280	250	270	140	12	0	140	320	211.66667	58.127342
pH, Laboratory	s.u.		6.5-8.5	8.24	7.98	7.73	7.9	12	0	7.73	8.25	7.9866667	0.1657673
Sodium Adsorption Ratio (SAR)	unitless			6.6	6.4	6.5	6.2	12	0	6.2	6.9	6.5	0.2
Solids, Total Dissolved TDS @ 180 C	mg/L		500	820	810	820	820	12	0	790	1000	830	55.103209
Major Ions													
Alkalinity, Total as CaCO3	mg/L			164	166	168	166	12	0	164	172	167	2
Bicarbonate as HCO3	mg/L			200	202	205	202	12	0	200	210	203.5	2.6457513
Calcium, Dissolved	mg/L			54.5	53.4	49.7	52 d	12	0	48.7	54.5	51.983333	1.9319483
Carbonate as CO3	mg/L			<5	<5	<5	<5	12	12	<5	<5	<5	<5
Chloride	mg/L		250	9	8	8	8	12	0	8	10	8.25	0.6215816
Fluoride	mg/L	4	2	0.5	0.5	0.7	0.6	12	0	0.5	0.7	0.55	0.06742
Magnesium, Dissolved	mg/L			17.7	17.4	16.4	16.8	12	0	16.4	18	17.333333	0.4417596
Nitrogen, Ammonia as N	mg/L			0.2	0.2	0.2	0.2	12	0	0.1	0.2	0.1666667	0.0492366
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	12	11	<0.05	0.1	0.0520833	0.0167139
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	12	12	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			8.5	8.4	8.6	9.2	12	0	8.1	11.8	8.8	0.9853472
Silica	mg/L			9.3	9.5	7.9	8	12	0	2	9.5	6.6083333	2.5840273
Sodium, Dissolved	mg/L			219 d	210 d	206	201	12	0	197	221	211.83333	7.5898657
Sulfate, Total	mg/L		250	430 d	442 d	444 d	436 d	12	0	409	560	451.33333	37.567717
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	<0.001	0.001	<0.001	12	3	<0.001	0.002	0.001125	0.0005691
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.04	<0.03	<0.03	<0.03	12	3	<0.03	0.04	0.0329167	0.0111719
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.05	0.06	0.05	0.05	12	0	0.05	0.06	0.0541667	0.0051493
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	12	12	<0.0003	<0.0003	<0.0003	<0.0003
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	0.01	<0.01	<0.01	12	11	<0.01	0.01	0.0054167	0.0014434
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0009	<0.0003	<0.0003	12	10	<0.0003	0.0007	0.0002583	0.0002032
Metals, Total													
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	12	12	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.001	0.001	0.001	0.001	12	2	<0.001	0.004	0.0016667	0.0010075
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	11	<0.1	0.2	0.0625	0.0433013
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.003	<0.003	<0.003
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.2	12	12	<0.1	<0.2	<0.2	<0.2
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.04	0.34	<0.04	0.09	12	1	<0.04	0.34	0.08	0.0839913
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.05	0.05	0.05	0.05	12	0	0.05	0.06	0.055	0.0052223
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	9	<0.001	0.005	0.001125	0.0014162
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			1.1	1.1	1.2	1.1	12	0	1.1	1.3	1.15	0.06742
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	12	11	<0.0003	0.0003	0.0001625	4.33E-05

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				697	697	697	697	Summary Statistics for Hydro ID 697					
Month Sampled				Nov-08	Dec-08	Jan-09	Feb-09						
Date and Time Collected				11/18/2008 1:35:00 PM	12/17/2008 2:45:00 PM	1/20/2009 12:35:00 PM	2/24/2009 4:45:00 PM						
Lab ID				R08110211 -010	R08120255 -009	R09010301 -006	R09020293 -012						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	0.02	<0.01	0.03	12	9	<0.01	0.03	0.00875	0.0080128
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		12.7	7.7	21.7	18.2	12	0	4.1	21.7	9.7166667	5.4323665
Gross Beta, Dissolved	pCi/L			11.4	7.1	12.5	11	12	0	3.6	12.5	7.7666667	2.7945835
Gross Gamma, Dissolved	pCi/L			1100	820	0 j	1100	12	0	0	1700	464.16667	611.96343
Lead 210, Dissolved	pCi/L			-0.8 j	1.6 j	0.6 j	1 j	12	0	-23	1.6	-2.758333	6.5884828
Polonium 210, Dissolved	pCi/L			0 j	0.2 j	-0.027 j	0.034 j	12	0	-0.5	1.1	0.06725	0.4031258
Radium 226, Dissolved	pCi/L	5		1.7	1.2	0.9	5.6	12	0	0.6	5.6	1.5166667	1.3313242
Thorium 230, Dissolved	pCi/L			0 j	0.1 j	0 j	-0.03 j	12	0	-0.03	0.4	0.0475	0.1182543
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			-0.6 j	2.8 j	2.9 j	-2 j	12	0	-10	3.6	-0.516667	3.7125912
Polonium 210, Suspended	pCi/L			-0.0042 j	0.2 j	-0.0097 j	-0.019 j	12	0	-0.2	1.2	0.216175	0.4200024
Radium 226, Suspended	pCi/L	5		-0.4 j	-0.07 j	-0.2 j	-0.2 j	12	0	-0.4	3.8	0.2316667	1.1592853
Thorium 230, Suspended	pCi/L			0.1 j	-0.2 j	-0.2 j	0.05 j	12	0	-0.2	0.3	0.0208333	0.1529384
Radionuclides, Total													
Radon 222, Total	pCi/L			412	200	299	236	12	0	200	570	335.91667	96.605532
Data Quality Parameters													
A/C Balance (± 5)	%			5.48	2.6	0.64	1.29	12	0	-6.31	6.52	1.8566667	3.3293142
Anions	meq/l			12.5	12.8	12.9	12.6	12	0	12.1	15.2	12.991667	0.7763063
Cations	meq/l			14	13.5	13	13	12	0	12.6	14	13.466667	0.4206777
Solids, Total Dissolved Calculated	mg/L			863	866	856	845	12	0	829	983	868.58333	39.18594
TDS Balance (0.80 - 1.20)	dec. %			0.95	0.93	0.96	0.98	12	0	0.91	1.03	0.9566667	0.0305505

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				698	698	698	698	698	698	698	698
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/30/2008 2:04:00 PM	4/22/2008 11:30:00 AM	5/28/2008 12:35:00 PM	6/24/2008 11:55:00 AM	7/14/2008 6:43:00 PM	8/19/2008 5:35:00 PM	9/22/2008 1:05:00 PM	10/20/2008 1:52:00 PM
Lab ID				R08030315 -002	R08040287 -004	R08050406 -001	R08060427 -001	R08070244 -010	R08080301 -003	R08090314 -003	R08100295 -004
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Field Parameters											
Field Conductivity	umhos/cm			2024	2492	2426	2475	2519	2327	2303	2400
Field Dissolved Oxygen	mg/L			0.27	0.25	0.19	0.09	0.18	NM	0.48	NM
Field pH	s.u.		6.5-8.5	6.83	6.87	6.76	6.49	6.66	6.62	NM	6.71
Field Temperature	Deg C			11.38	11.61	11.52	11.73	11.69	11.91	11.56	12.4
Field Turbidity	NTUs			7.3	7.5	16.1	19	23.2	9.1	9.8	NM
Water Level Elevation	ft AMSL			3680.02	3679.98	3679.68	3679.88	3679.87	3679.89	3679.94	3679.73
Physical Properties											
Conductivity @ 25 C	umhos/cm			2390	2420	2280	2530	2530	2840	2300	2480
Oxidation-Reduction Potential	mV			280	110	200	94	47	44	-38.3	64
pH, Laboratory	s.u.		6.5-8.5	6.91	7.15	6.78	7.09	7.72	7.27	7.02	7.34
Sodium Adsorption Ratio (SAR)	unitless			1	1	0.98	0.98	0.95	0.99	0.94	0.96
Solids, Total Dissolved TDS @ 180 C	mg/L		500	2200	2300	2200	2100	2300	2300	2200	2300
Major Ions											
Alkalinity, Total as CaCO3	mg/L			124	120	114	114	122	122	122	114
Bicarbonate as HCO3	mg/L			151	146	139	139	149	149	149	139
Calcium, Dissolved	mg/L			338	366	382	393	356	385	370	366
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	12	9	9	9	10	10	9	10
Fluoride	mg/L	4	2	0.2	0.3	0.5	0.3	0.4	0.4	0.4	0.2
Magnesium, Dissolved	mg/L			125	129	137	141	139	139	133	128
Nitrogen, Ammonia as N	mg/L			0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.2
Nitrogen, Nitrate as N	mg/L	10		<0.1	0.09	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			14.6	15.6	15.5	15.9	22.2	16	14.4	15.1
Silica	mg/L			9.5	4.8	5.2	5.5	2.6	5	11.5	10.5
Sodium, Dissolved	mg/L			84.6	89 d	88 d	89 d	84 d	89 d	83	84 d
Sulfate, Total	mg/L		250	1300 d	1450	1270 d	1470	1530 d	1290 d	1470 d	1380 d
Metals, Dissolved											
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	1.56	2.49	1.69	1.6	3.38	4.36	3.87	2.67
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	2.18	2.39	2.31	2.56	2.44	2.55	2.41	2.37
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.109	0.11	0.101	0.104	0.119	0.113	0.103	0.103
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	0.01	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01
Metals, Dissolved, Speciated											
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended											
Uranium, Suspended	mg/L	0.03		0.0024	0.0006	0.0038	0.0043	0.0055	0.0023	0.0006	0.0036
Metals, Total											
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.004 d	<0.001	0.002	0.005 d	0.002 d	<0.004	<0.001	0.006 l
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	<0.001
Boron, Total	mg/L			<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	4.06	4.53	4.6	5.48	5.66	4.78	5.15	4.86
Lead, Total	mg/L			<0.001	<0.001	<0.001	0.001	0.001 b	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	2.31	2.5	2.32	2.66	2.53	2.54	2.57	2.47
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		0.002	<0.001	<0.001	<0.002	0.005 d	<0.003	<0.005	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.005	<0.005
Strontium, Total	mg/L			4.9	5.2	4.8	5.2	4.7	4.6	4.9	4.9
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.123	0.119	0.116	0.113	0.116	0.101 d	0.102	0.132

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				698	698	698	698	698	698	698	698
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/30/2008 2:04:00 PM	4/22/2008 11:30:00 AM	5/28/2008 12:35:00 PM	6/24/2008 11:55:00 AM	7/14/2008 6:43:00 PM	8/19/2008 5:35:00 PM	9/22/2008 1:05:00 PM	10/20/2008 1:52:00 PM
Lab ID				R08030315 -002	R08040287 -004	R08050406 -001	R08060427 -001	R08070244 -010	R08080301 -003	R08090314 -003	R08100295 -004
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved											
Gross Alpha, Dissolved	pCi/L	15		1750	2110	1210	1790	1790	1560	36.3	1330
Gross Beta, Dissolved	pCi/L			657	604	380	470	599	488	19.8	399
Gross Gamma, Dissolved	pCi/L			790	680	4100	170	1500	1300	240	1700
Lead 210, Dissolved	pCi/L			-14 j	-3.5 j	5.5 j	-1.7 j	-0.4 j	3.1 j	2.2 j	6.8
Polonium 210, Dissolved	pCi/L			1	1.4	0.2 j	1.1	1.6	0.4 j	0 j	0.3 j
Radium 226, Dissolved	pCi/L	5		387	370	413	429	423	372	410	347
Thorium 230, Dissolved	pCi/L			0 j	0 j	0 j	0 j	0.1 j	0 j	<0.2	0 j
Radionuclides, Suspended											
Lead 210, Suspended	pCi/L			0 j	0 j	2.6 j	7.4 j	-0.7 j	1.1 j	0.5 j	4.7 j
Polonium 210, Suspended	pCi/L			1.2	-0.2 j	1.4	1.2	1.5	0.5 j	0.059 j	1
Radium 226, Suspended	pCi/L	5		15.3	6.4	14	11.6	6.3	1.7	0.2 j	7.4
Thorium 230, Suspended	pCi/L			0.4	0.2	0.7	0.7	0.9	0.5	0 j	0.2 j
Radionuclides, Total											
Radon 222, Total	pCi/L			32200	25800	25600	40700	27900	38200	29500	38200
Data Quality Parameters											
A/C Balance (± 5)	%			2.58	0.92	9.13	3.88	-1.21	8.93	0.65	2.91
Anions	meq/l			29.9	32.8	28.9	33.1	34.6	29.5	33.2	31.2
Cations	meq/l			31.4	33.4	34.8	35.8	33.7	35.3	33.7	33.1
Solids, Total Dissolved Calculated	mg/L			1970	2140	1980	2200	2220	2010	2180	2080
TDS Balance (0.80 - 1.20)	dec. %			1.13	1.05	1.09	0.97	1.03	1.13	1.02	1.1

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				698	698	698	698	Summary Statistics for Hydro ID 698					
Month Sampled				Nov-08	Dec-08	Jan-09	Feb-09						
Date and Time Collected				11/18/2008 12:00:00 PM	12/17/2008 1:00:00 PM	1/20/2009 2:07:00 PM	2/24/2009 12:10:00 PM						
Lab ID				R08110211 -008	R08120255 -005	R09010301 -009	R09020293 -004						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			2500	2800	2500	2400	12	0	2024	2800	2430.5	179.36175
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	6	0	0.09	0.48	0.2433333	0.1320101
Field pH	s.u.		6.5-8.5	6.76	6.78	6.77	6.83	11	0	6.49	6.87	6.7345455	0.1096689
Field Temperature	Deg C			12.1	10.9	11.8	11.9	12	0	10.9	12.4	11.708333	0.3749869
Field Turbidity	NTUs			NM	NM	NM	NM	7	0	7.3	23.2	13.142857	6.2941394
Water Level Elevation	ft AMSL			3679.75	3679.88	3679.66	3679.8	12	0	3679.66	3680.02	3679.84	0.1161504
Physical Properties													
Conductivity @ 25 C	umhos/cm			2300	2290	2410	2360	12	0	2280	2840	2427.5	157.66045
Oxidation-Reduction Potential	mV			300	160	300	110	12	0	-38.3	300	139.225	110.4292
pH, Laboratory	s.u.		6.5-8.5	7.42	6.92	6.74	6.82	12	0	6.74	7.72	7.0983333	0.295599
Sodium Adsorption Ratio (SAR)	unitless			0.95	0.95	1.1	0.99	12	0	0.94	1.1	0.9825	0.0426668
Solids, Total Dissolved TDS @ 180 C	mg/L		500	2200	2200	1700	2200	12	0	1700	2300	2183.3333	164.22453
Major Ions													
Alkalinity, Total as CaCO3	mg/L			112	114	118	110	12	0	110	124	117.16667	4.7065396
Bicarbonate as HCO3	mg/L			137	139	144	134	12	0	134	151	142.91667	5.7439032
Calcium, Dissolved	mg/L			388	374	341	357 d	12	0	338	393	368	17.714914
Carbonate as CO3	mg/L			<5	<5	<5	<5	12	12	<5	<5	<5	<5
Chloride	mg/L		250	10	10	10	9	12	0	9	12	9.75	0.8660254
Fluoride	mg/L	4	2	0.2	0.2	0.4	0.4	12	0	0.2	0.5	0.325	0.105529
Magnesium, Dissolved	mg/L			141	135	127	131	12	0	125	141	133.75	5.7068539
Nitrogen, Ammonia as N	mg/L			0.2	0.2	0.1	0.2	12	0	0.1	0.2	0.1583333	0.0514929
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	12	11	<0.1	0.09	0.0533333	0.011547
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	12	12	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			15.5	15.5	16	15.5	12	0	14.4	22.2	15.983333	2.0211758
Silica	mg/L			11.1	11.3	10.2	10.2	12	0	2.6	11.5	8.1166667	3.2087475
Sodium, Dissolved	mg/L			86 d	84 d	92.1	86.5	12	0	83	92.1	86.6	2.8139264
Sulfate, Total	mg/L		250	1360 d	1340 d	1340 d	1240 d	12	0	1240	1530	1370	91.55227
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.1	<0.1	<0.1	<0.1	12	10	<0.1	0.2	0.0666667	0.0443813
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	2.54	2.99	1.74	2.03	12	0	1.56	4.36	2.5766667	0.9273259
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	2.25	2.58	2.39	2.45	12	0	2.18	2.58	2.4066667	0.122202
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	11	<0.001	0.001	0.0005417	0.0001443
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.106	0.0998	0.1	0.108	12	0	0.0998	0.119	0.1063167	0.005778
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	9	<0.01	0.01	0.00625	0.0022613
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	11	<0.001	0.001	0.0005417	0.0001443
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		0.0042	0.0028 d	0.0021	0.005	12	0	0.0006	0.0055	0.0031	0.0015806
Metals, Total													
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	12	12	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		<0.001	0.004 l	<0.002	0.003 l	12	5	<0.001	0.006	0.0025417	0.0018642
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.003	<0.003	<0.003
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.2	12	11	<0.1	0.1	0.0583333	0.0194625
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	4.42	4.66	4.6	4.37	12	0	4.06	5.66	4.7641667	0.463435
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	12	10	<0.001	0.001	0.0005833	0.0001946
Manganese, Total	mg/L		0.05	2.31	2.54	2.37	2.7 d	12	0	2.31	2.7	2.485	0.1329046
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.002	<0.002	0.001	12	9	<0.001	0.005	0.0014167	0.0012939
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.02	<0.02	<0.02
Strontium, Total	mg/L			4.4	4.9	4.8	4.7	12	0	4.4	5.2	4.8333333	0.2269695
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.103	0.112	0.108	0.113	12	0	0.101	0.132	0.1131667	0.0090738

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				698	698	698	698	Summary Statistics for Hydro ID 698					
Month Sampled				Nov-08	Dec-08	Jan-09	Feb-09						
Date and Time Collected				11/18/2008 12:00:00 PM	12/17/2008 1:00:00 PM	1/20/2009 2:07:00 PM	2/24/2009 12:10:00 PM						
Lab ID				R08110211 -008	R08120255 -005	R09010301 -009	R09020293 -004						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	11	<0.01	0.01	0.0054167	0.0014434
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		1680	1570	1960	1270	12	0	36.3	2110	1504.6917	536.26262
Gross Beta, Dissolved	pCi/L			619	664	547	357	12	0	19.8	664	483.65	181.41118
Gross Gamma, Dissolved	pCi/L			1700	620	1400	420	12	0	170	4100	1218.3333	1062.2346
Lead 210, Dissolved	pCi/L			1.4 j	4.7	0.1 j	1.5 j	12	0	-14	6.8	0.475	5.4426138
Polonium 210, Dissolved	pCi/L			0.3 j	0.3 j	0.42 j	0.4 j	12	0	0	1.6	0.6183333	0.5177194
Radium 226, Dissolved	pCi/L	5		403	363	386	355	12	0	347	429	388.16667	27.335735
Thorium 230, Dissolved	pCi/L			0.1 j	0.1 j	0.1 j	0.03 j	12	1	<0.2	0.1	0.0441667	0.0499924
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			4.4 j	3.2 j	0.9 j	4.5 j	12	0	-0.7	7.4	2.3833333	2.487362
Polonium 210, Suspended	pCi/L			1.6	1	2	0.78	12	0	-0.2	2	1.00325	0.6377342
Radium 226, Suspended	pCi/L	5		9	4.7	7.3	11	12	0	0.2	15.3	7.9083333	4.5713452
Thorium 230, Suspended	pCi/L			0.2 j	0.2 j	1.9	1	12	0	0	1.9	0.575	0.5224505
Radionuclides, Total													
Radon 222, Total	pCi/L			37400	37600	32100	38400	12	0	25600	40700	33633.333	5431.7808
Data Quality Parameters													
A/C Balance (± 5)	%			6.79	5.82	2.51	7.55	12	0	-1.21	9.13	4.205	3.3993114
Anions	meq/l			30.9	30.4	30.6	28.4	12	0	28.4	34.6	31.125	1.9179179
Cations	meq/l			35.4	34.2	32.2	33	12	0	31.4	35.8	33.833333	1.3343935
Solids, Total Dissolved Calculated	mg/L			2100	2060	2030	1940	12	0	1940	2220	2075.8333	94.046249
TDS Balance (0.80 - 1.20)	dec. %			1.05	1.07	0.82	1.15	12	0	0.82	1.15	1.0508333	0.0893876

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				703	Summary Statistics for Hydro ID 703					
Month Sampled				Jan-09						
Date and Time Collected				1/20/2009 3:05:00 PM						
Lab ID				R09010302 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			2500	1	0	2500	2500	2500	---
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	11.13	1	0	11.13	11.13	11.13	---
Field Temperature	Deg C			11.9	1	0	11.9	11.9	11.9	---
Field Turbidity	NTUs			NM	NM	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			2420	1	0	2420	2420	2420	---
Oxidation-Reduction Potential	mV			88	1	0	88	88	88	---
pH, Laboratory	s.u.		6.5-8.5	11.4	1	0	11.4	11.4	11.4	---
Sodium Adsorption Ratio (SAR)	unitless			12	1	0	12	12	12	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1400	1	0	1400	1400	1400	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			148	1	0	148	148	148	---
Bicarbonate as HCO3	mg/L			180	1	0	180	180	180	---
Calcium, Dissolved	mg/L			72.6	1	0	72.6	72.6	72.6	---
Carbonate as CO3	mg/L			<5	1	1	<5	<5	<5	---
Chloride	mg/L		250	16	1	0	16	16	16	---
Fluoride	mg/L	4	2	0.3	1	0	0.3	0.3	0.3	---
Magnesium, Dissolved	mg/L			<0.5	1	1	<0.5	<0.5	<0.5	---
Nitrogen, Ammonia as N	mg/L			1.6	1	0	1.6	1.6	1.6	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			9.3	1	0	9.3	9.3	9.3	---
Silica	mg/L			4.2	1	0	4.2	4.2	4.2	---
Sodium, Dissolved	mg/L			370	1	0	370	370	370	---
Sulfate, Total	mg/L		250	828 d	1	0	828	828	828	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			0.3	1	0	0.3	0.3	0.3	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	0.05	1	0	0.05	0.05	0.05	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	<0.01	1	1	<0.01	<0.01	<0.01	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		0.0003	1	0	0.0003	0.0003	0.0003	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	0.03	1	0	0.03	0.03	0.03	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Selenium-VI, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			0.4	1	0	0.4	0.4	0.4	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Total	mg/L		0.3	0.68 d	1	0	0.68	0.68	0.68	---
Lead, Total	mg/L			0.007	1	0	0.007	0.007	0.007	---
Manganese, Total	mg/L		0.05	<0.01	1	1	<0.01	<0.01	<0.01	---
Mercury, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			2.2	1	0	2.2	2.2	2.2	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Uranium, Total	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				703	Summary Statistics for Hydro ID 703					
Month Sampled				Jan-09						
Date and Time Collected				1/20/2009 3:05:00 PM						
Lab ID				R09010302 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		42.6	1	0	42.6	42.6	42.6	---
Gross Beta, Dissolved	pCi/L			14.2	1	0	14.2	14.2	14.2	---
Gross Gamma, Dissolved	pCi/L			1100	1	0	1100	1100	1100	---
Lead 210, Dissolved	pCi/L			1 j	1	0	1	1	1	---
Polonium 210, Dissolved	pCi/L			-0.015 j	1	0	-0.015	-0.015	-0.015	---
Radium 226, Dissolved	pCi/L	5		0.4	1	0	0.4	0.4	0.4	---
Thorium 230, Dissolved	pCi/L			0.1 j	1	0	0.1	0.1	0.1	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			1.1 j	1	0	1.1	1.1	1.1	---
Polonium 210, Suspended	pCi/L			0.047 j	1	0	0.047	0.047	0.047	---
Radium 226, Suspended	pCi/L	5		-0.4 j	1	0	-0.4	-0.4	-0.4	---
Thorium 230, Suspended	pCi/L			-0.2 j	1	0	-0.2	-0.2	-0.2	---
Radionuclides, Total										
Radon 222, Total	pCi/L			153	1	0	153	153	153	---
Data Quality Parameters										
A/C Balance (± 5)	%			-1.35	1	0	-1.35	-1.35	-1.35	---
Anions	meq/l			20.7	1	0	20.7	20.7	20.7	---
Cations	meq/l			20.1	1	0	20.1	20.1	20.1	---
Solids, Total Dissolved Calculated	mg/L			1400	1	0	1400	1400	1400	---
TDS Balance (0.80 - 1.20)	dec. %			1.01	1	0	1.01	1.01	1.01	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				704	Summary Statistics for Hydro ID 704 Unkpapa					
Screened Interval				Unkpapa						
Date and Time Collected				9/23/2008 12:30:00 PM						
Lab ID				R08090356 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (Non-detects)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			2100	1	0	2100	2100	2100	---
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	9.37	1	0	9.37	9.37	9.37	---
Field Temperature	Deg C			20.1	1	0	20.1	20.1	20.1	---
Field Turbidity	NTUs			NM	NM	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			1570	1	0	1570	1570	1570	---
Oxidation-Reduction Potential	mV			160	1	0	160	160	160	---
pH, Laboratory	s.u.		6.5-8.5	9.46	1	0	9.46	9.46	9.46	---
Sodium Adsorption Ratio (SAR)	unitless			17	1	0	17	17	17	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1300	1	0	1300	1300	1300	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			74	1	0	74	74	74	---
Bicarbonate as HCO3	mg/L			66	1	0	66	66	66	---
Calcium, Dissolved	mg/L			23	1	0	23	23	23	---
Carbonate as CO3	mg/L			12	1	0	12	12	12	---
Chloride	mg/L		250	70 d	1	0	70	70	70	---
Fluoride	mg/L	4	2	0.8	1	0	0.8	0.8	0.8	---
Magnesium, Dissolved	mg/L			14.8	1	0	14.8	14.8	14.8	---
Nitrogen, Ammonia as N	mg/L			0.5	1	0	0.5	0.5	0.5	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			6.8	1	0	6.8	6.8	6.8	---
Silica	mg/L			<0.2	1	1	<0.2	<0.2	<0.2	---
Sodium, Dissolved	mg/L			437	1	0	437	437	437	---
Sulfate, Total	mg/L		250	872 d	1	0	872	872	872	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			0.9	1	0	0.9	0.9	0.9	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	<0.01	1	1	<0.01	<0.01	<0.01	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Selenium-VI, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			0.9	1	0	0.9	0.9	0.9	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Total	mg/L		0.3	0.87	1	0	0.87	0.87	0.87	---
Lead, Total	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Total	mg/L		0.05	0.04	1	0	0.04	0.04	0.04	---
Mercury, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			2.5	1	0	2.5	2.5	2.5	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Uranium, Total	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				704	Summary Statistics for Hydro ID 704 Unkpapa					
Screened Interval				Unkpapa						
Date and Time Collected				9/23/2008 12:30:00 PM						
Lab ID				R08090356 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (Non-detects)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		-3 j	1	0	-3	0	-3	---
Gross Beta, Dissolved	pCi/L			-5 j	1	0	-5	0	-5	---
Gross Gamma, Dissolved	pCi/L			830	1	0	830	830	830	---
Lead 210, Dissolved	pCi/L			1.1 j	1	0	1.1	1.1	1.1	---
Polonium 210, Dissolved	pCi/L			0.3 j	1	0	0.3	0.3	0.3	---
Radium 226, Dissolved	pCi/L	5		0.04 j	1	0	0.04	0.04	0.04	---
Thorium 230, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			-3 j	1	0	-3	0	-3	---
Polonium 210, Suspended	pCi/L			-0.015 j	1	0	-0.015	0	-0.015	---
Radium 226, Suspended	pCi/L	5		-0.2 j	1	0	-0.2	0	-0.2	---
Thorium 230, Suspended	pCi/L			0.3	1	0	0.3	0.3	0.3	---
Radionuclides, Total										
Radon 222, Total	pCi/L			188	1	0	188	188	188	---
Data Quality Parameters										
A/C Balance (± 5)	%			-0.14	1	0	-0.14	0	-0.14	---
Anions	meq/l			21.6	1	0	21.6	21.6	21.6	---
Cations	meq/l			21.6	1	0	21.6	21.6	21.6	---
Solids, Total Dissolved Calculated	mg/L			1470	1	0	1470	1470	1470	---
TDS Balance (0.80 - 1.20)	dec. %			0.9	1	0	0.9	0.9	0.9	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				704	Summary Statistics for Hydro ID 704 Chilson					
Screened Interval				Chilson						
Date and Time Collected				2/24/2009 9:40:00 AM						
Lab ID				R09020293 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (Non-detects)	Minimum	Maximum	Mean*	StDev*
Field Parameters										
Field Conductivity	umhos/cm			1360	1	0	1360	1360	1360	---
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	8.02	1	0	8.02	8.02	8.02	---
Field Temperature	Deg C			13.2	1	0	13.2	13.2	13.2	---
Field Turbidity	NTUs			NM	NM	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM
Physical Properties										
Conductivity @ 25 C	umhos/cm			1300	1	0	1300	1300	1300	---
Oxidation-Reduction Potential	mV			200	1	0	200	200	200	---
pH, Laboratory	s.u.		6.5-8.5	7.78	1	0	7.78	7.78	7.78	---
Sodium Adsorption Ratio (SAR)	unitless			6.1	1	0	6.1	6.1	6.1	---
Solids, Total Dissolved TDS @ 180 C	mg/L		500	890	1	0	890	890	890	---
Major Ions										
Alkalinity, Total as CaCO3	mg/L			168	1	0	168	168	168	---
Bicarbonate as HCO3	mg/L			205	1	0	205	205	205	---
Calcium, Dissolved	mg/L			55 d	1	0	55	55	55	---
Carbonate as CO3	mg/L			<5	1	1	<5	<5	<5	---
Chloride	mg/L		250	10	1	0	10	10	10	---
Fluoride	mg/L	4	2	0.5	1	0	0.5	0.5	0.5	---
Magnesium, Dissolved	mg/L			18.6	1	0	18.6	18.6	18.6	---
Nitrogen, Ammonia as N	mg/L			0.1	1	0	0.1	0.1	0.1	---
Nitrogen, Nitrate as N	mg/L	10		<0.1	1	1	<0.1	<0.1	<0.1	---
Nitrogen, Nitrite as N	mg/L	1		<0.1	1	1	<0.1	<0.1	<0.1	---
Potassium, Dissolved	mg/L			9.3	1	0	9.3	9.3	9.3	---
Silica	mg/L			7.1	1	0	7.1	7.1	7.1	---
Sodium, Dissolved	mg/L			205	1	0	205	205	205	---
Sulfate, Total	mg/L		250	487 d	1	0	487	487	487	---
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	1	1	<0.1	<0.1	<0.1	---
Arsenic, Dissolved	mg/L	0.01		<0.001	1	1	<0.001	<0.001	<0.001	---
Barium, Dissolved	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Boron, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Dissolved	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Dissolved	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Dissolved	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Dissolved	mg/L		0.3	<0.03	1	1	<0.03	<0.03	<0.03	---
Lead, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Dissolved	mg/L		0.05	0.08	1	1	0.08	0.08	0.08	---
Mercury, Dissolved	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Dissolved	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Dissolved	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Dissolved	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Thorium 232, Dissolved	mg/L			<0.005	1	1	<0.005	<0.005	<0.005	---
Uranium, Dissolved	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Vanadium, Dissolved	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Zinc, Dissolved	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Selenium-VI, Dissolved	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	1	1	<0.003	<0.003	<0.003	---
Arsenic, Total	mg/L	0.01		0.001	1	1	0.001	0.001	0.001	---
Barium, Total	mg/L	2		<0.1	1	1	<0.1	<0.1	<0.1	---
Beryllium, Total	mg/L	0.004		<0.001	1	1	<0.001	<0.001	<0.001	---
Boron, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Cadmium, Total	mg/L	0.005		<0.005	1	1	<0.005	<0.005	<0.005	---
Chromium, Total	mg/L	0.1		<0.05	1	1	<0.05	<0.05	<0.05	---
Copper, Total	mg/L		1	<0.01	1	1	<0.01	<0.01	<0.01	---
Iron, Total	mg/L		0.3	1.55	1	0	1.55	1.55	1.55	---
Lead, Total	mg/L			<0.001	1	1	<0.001	<0.001	<0.001	---
Manganese, Total	mg/L		0.05	0.09	1	0	0.09	0.09	0.09	---
Mercury, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Molybdenum, Total	mg/L			<0.1	1	1	<0.1	<0.1	<0.1	---
Nickel, Total	mg/L			<0.05	1	1	<0.05	<0.05	<0.05	---
Selenium, Total	mg/L	0.05		<0.001	1	1	<0.001	<0.001	<0.001	---
Silver, Total	mg/L		0.1	<0.005	1	1	<0.005	<0.005	<0.005	---
Strontium, Total	mg/L			1	1	0	1	1	1	---
Thallium, Total	mg/L	0.002		<0.001	1	1	<0.001	<0.001	<0.001	---
Uranium, Total	mg/L	0.03		<0.0003	1	1	<0.0003	<0.0003	<0.0003	---

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				704	Summary Statistics for Hydro ID 704 Chilson					
Screened Interval				Chilson						
Date and Time Collected				2/24/2009 9:40:00 AM						
Lab ID				R09020293 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	n	n (Non-detects)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	1	1	<0.01	<0.01	<0.01	---
Radionuclides, Dissolved										
Gross Alpha, Dissolved	pCi/L	15		2.5 j	1	0	2.5	2.5	2.5	---
Gross Beta, Dissolved	pCi/L			8.8	1	0	8.8	8.8	8.8	---
Gross Gamma, Dissolved	pCi/L			0 j	1	0	0	0	0	---
Lead 210, Dissolved	pCi/L			-1 j	1	0	-1	-1	-1	---
Polonium 210, Dissolved	pCi/L			0.15 j	1	0	0.15	0.15	0.15	---
Radium 226, Dissolved	pCi/L	5		1.6	1	0	1.6	1.6	1.6	---
Thorium 230, Dissolved	pCi/L			0.04 j	1	0	0.04	0.04	0.04	---
Radionuclides, Suspended										
Lead 210, Suspended	pCi/L			-0.2 j	1	0	-0.2	-0.2	-0.2	---
Polonium 210, Suspended	pCi/L			0.068 j	1	0	0.068	0.068	0.068	---
Radium 226, Suspended	pCi/L	5		-0.03 j	1	0	-0.03	-0.03	-0.03	---
Thorium 230, Suspended	pCi/L			-0.007 j	1	0	-0.007	-0.007	-0.007	---
Radionuclides, Total										
Radon 222, Total	pCi/L			200	1	0	200	200	200	---
Data Quality Parameters										
A/C Balance (± 5)	%			-1.29	1	0	-1.29	-1.29	-1.29	---
Anions	meq/l			13.8	1	0	13.8	13.8	13.8	---
Cations	meq/l			13.4	1	0	13.4	13.4	13.4	---
Solids, Total Dissolved Calculated	mg/L			905	1	0	905	905	905	---
TDS Balance (0.80 - 1.20)	dec. %			0.98	1	0	0.98	0.98	0.98	---

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				705	705	705	705	705	705	705	705
Month Sampled				Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10
Date and Time Collected				1/18/2010 12:00:00 AM	2/22/2010 12:00:00 AM	3/15/2010 12:00:00 AM	4/21/2010 12:00:00 AM	5/17/2010 12:00:00 AM	6/22/2010 12:00:00 AM	7/27/2010 12:00:00 AM	8/23/2010 12:00:00 AM
Lab ID				R10010180 -001	R10020266 -001	R10030205 -001	R10040303 -001	R10050253 -001	R10060444 -001	R10070459 -001	R10080398 -001
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Field Parameters											
Field Conductivity	umhos/cm			1260	1260	1300	1320	1360	1380	1360	1370
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	9.83	9.98	8.97	8.83	7.99	7.76	7.68	7.73
Field Temperature	Deg C			13.8	13.4	12.9	13.7	14.6	15.3	15.2	14.8
Field Turbidity	NTUs			NM	NM	NM	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	3709.57	3709.55
Physical Properties											
Conductivity @ 25 C	umhos/cm			1150	1570	1360	1300	1300 b	1320	1320	1330
Oxidation-Reduction Potential	mV			210	220	200	230	260	330	180	270
pH, Laboratory	s.u.		6.5-8.5	9.03	9.34	7.93	8.04	7.91	7.86	7.84	7.88
Sodium Adsorption Ratio (SAR)	unitless			4.6	4.7	3.6	4.2	4	3.6	3.8	3.7
Solids, Total Dissolved TDS @ 180 C	mg/L		500	770	840	1000	970	840	910 d	950 d	1100 d
Major Ions											
Alkalinity, Total as CaCO3	mg/L			40	36	160 h	104	130	152	168	168
Bicarbonate as HCO3	mg/L			44	39	195 h	127	158	185	205	205
Calcium, Dissolved	mg/L			61 d	54 d	88 d	76 d	81 d	92 d	94 d	97 d
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	7	7.2	8	7	8	7	7	8 b
Fluoride	mg/L	4	2	0.3	0.2	0.3	0.3	0.4	0.4	0.4	0.5
Magnesium, Dissolved	mg/L			21.7	22.5	31.8	28	29.4	33.6	34.9	35.4
Nitrogen, Ammonia as N	mg/L			0.2	0.2	0.1	0.6	0.2	<0.1	0.1	0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	<0.1
Potassium, Dissolved	mg/L			13.6	12.9	11.5	12.7	11.7	11.8	11.3	11.7
Silica	mg/L			7.1	7.8	8.3	10.3	7.5	8.2	9.3	8.5
Sodium, Dissolved	mg/L			166 d	162 d	154 d	168 d	166 d	159 d	169 d	169 d
Sulfate, Total	mg/L		250	513	495	509	521	542	524 d	534 d	575 d
Metals, Dissolved											
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.01	<0.01	0.04	0.02	0.03	0.05	0.05	0.05
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.0007	<0.0003
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
Metals, Dissolved, Speciated											
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended											
Uranium, Suspended	mg/L	0.03		<0.0003	0.0015 b	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total											
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.001	<0.001	0.001	0.001	0.001	0.004	0.001	0.003
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	0.1	0.1	<0.1	0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.1	<0.03	0.34 d	0.11 d	0.22	0.31	0.25	0.28
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.02	<0.01	0.05	0.02	0.03	0.05	0.05	0.05
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			2.6	2.2	2.8	2.6	2.4	2.8	2.8	2.7
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003

Dewey-Burdock Hydro ID				705	705	705	705	705	705	705	705
Month Sampled				Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10
Date and Time Collected				1/18/2010 12:00:00 AM	2/22/2010 12:00:00 AM	3/15/2010 12:00:00 AM	4/21/2010 12:00:00 AM	5/17/2010 12:00:00 AM	6/22/2010 12:00:00 AM	7/27/2010 12:00:00 AM	8/23/2010 12:00:00 AM
Lab ID				R10010180 -001	R10020266 -001	R10030205 -001	R10040303 -001	R10050253 -001	R10060444 -001	R10070459 -001	R10080398 -001
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved											
Gross Alpha, Dissolved	pCi/L	15		3 j	1.1 j	8.6	7.5	3.9 j	6.2 j	6.7	8.9
Gross Beta, Dissolved	pCi/L			11.3	6.7	13.7	12.8	8.4	13.4	17.1	15.5
Gross Gamma, Dissolved	pCi/L			1100	<20	810	1000	420	500	500	710
Lead 210, Dissolved	pCi/L			0.3 j	-0.1 j	2 j	-2 j	0.02 j	0.8 j	0.4 j	0.01 j
Polonium 210, Dissolved	pCi/L			0.05 j	0.05 j	-0.02 j	-0.039 j	-0.06 j	0.11 j	0.076 j	0.088 j
Radium 226, Dissolved	pCi/L	5		0.6	0.8	2.1	1.8	1.6	1.8	1.8	1.8
Thorium 230, Dissolved	pCi/L			0.02 j	0.01 j	0.002 j	0.1 j	0.03 j	1.2	0.04 j	0.09 j
Radionuclides, Suspended											
Lead 210, Suspended	pCi/L			1.9 j	0.2 j	0.06 j	-0.1 j	-0.3 j	2.7 j	-1 j	-0.08 j
Polonium 210, Suspended	pCi/L			-0.056 j	0.069 j	-0.013 j	0.18 j	0.077 j	-0.036 j	-0.1 j	0.069 j
Radium 226, Suspended	pCi/L	5		-0.2 j	0.03 j	0.2	-0.01 j	0.3 j	-0.3 j	-0.1 j	-0.2 j
Thorium 230, Suspended	pCi/L			-0.1 j	-0.07 j	-0.08 j	-0.1 j	-0.4 j	-0.4 j	0.2 j	-0.03 j
Radionuclides, Total											
Radon 222, Total	pCi/L			206	<100	260	<100	157	243	247	238
Data Quality Parameters											
A/C Balance (± 5)	%			2.96	2.9	0.03	2.2	-0.47	1.5	1.76	-0.5
Anions	meq/l			11.7	11.2	14	13.2	14.1	14.2	14.7	15.6
Cations	meq/l			12.4	11.9	14	13.7	14	14.6	15.2	15.4
Solids, Total Dissolved Calculated	mg/L			825	1130	922	903	937	944	977	1020
TDS Balance (0.80 - 1.20)	dec. %			0.93	1.06	1.08	1.07	0.9	0.96	0.97	1.04

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				705	705	705	705	Summary Statistics for Hydro ID 705					
Month Sampled				Sep-10	Oct-10	Nov-10	Dec-10						
Date and Time Collected				9/28/2010 12:00:00 AM	10/25/2010 12:00:00 AM	11/15/2010 12:00:00 AM	12/14/2010 12:00:00 AM						
Lab ID				R10090519 -001	R10100355 -001	R10110179 -001	R10120179 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1380	1380	1390	1390	12	0	1260	1390	1345.8333	48.515852
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	7.7	7.77	7.74	7.7	12	0	7.68	9.98	8.3066667	0.8688585
Field Temperature	Deg C			14.8	14.1	13.8	13.8	12	0	12.9	15.3	14.183333	0.748129
Field Turbidity	NTUs			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			NM	3710.03	3709.71	3709.77	5	0	3709.55	3710.03	3709.726	0.1935975
Physical Properties													
Conductivity @ 25 C	umhos/cm			1390	1310	1300	1350	12	0	1150	1570	1333.3333	94.42008
Oxidation-Reduction Potential	mV			260	270	210	190	12	0	180	330	235.83333	43.16108
pH, Laboratory	s.u.		6.5-8.5	7.77	7.77	7.63	7.59	12	0	7.59	9.34	8.0491667	0.5487582
Sodium Adsorption Ratio (SAR)	unitless			3.8	3.6	3.6	3.6	12	0	3.6	4.7	3.9	0.3977208
Solids, Total Dissolved TDS @ 180 C	mg/L		500	990 d	940 d	990 d	990 d	12	0	770	1100	940.83333	89.184011
Major Ions													
Alkalinity, Total as CaCO3	mg/L			166	170	166	166	12	0	36	170	135.5	49.551626
Bicarbonate as HCO3	mg/L			202	207	202	202	12	0	39	207	164.25	62.06613
Calcium, Dissolved	mg/L			95.3	93.8	91.4	95.8	12	0	54	97	84.941667	14.327625
Carbonate as CO3	mg/L			<5	<5	<5	<5	12	12	<5	<5	<5	<5
Chloride	mg/L		250	8 b	7	8	8	12	0	7	8	7.5166667	0.5078177
Fluoride	mg/L	4	2	0.4	0.3	0.5	0.4	12	0	0.2	0.5	0.3666667	0.0887625
Magnesium, Dissolved	mg/L			34.8	33.7	33.4	34.4	12	0	21.7	35.4	31.133333	4.7778529
Nitrogen, Ammonia as N	mg/L			0.2	0.2	0.1	0.2	12	1	<0.1	0.6	0.1875	0.1416221
Nitrogen, Nitrate as N	mg/L	10		<2	<0.1	<0.1	<0.1	12	12	<0.1	<2	<2	<2
Nitrogen, Nitrite as N	mg/L	1		<2	<0.1	<0.1	<0.1	12	11	<0.1	0.3	0.15	0.2771609
Potassium, Dissolved	mg/L			11.6	11.3	11.8	11.7	12	0	11.3	13.6	11.966667	0.7126561
Silica	mg/L			9.3	8.2	8.8	10.4	12	0	7.1	10.4	8.6416667	1.0290846
Sodium, Dissolved	mg/L			169 d	162 d	157 d	163 d	12	0	154	169	163.66667	5.0512525
Sulfate, Total	mg/L		250	545 d	524 d	548 d	538 d	12	0	495	575	530.66667	21.10723
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	0.001	0.001	<0.001	12	9	<0.001	0.001	0.000625	0.0002261
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	10	<0.1	0.2	0.0666667	0.0443813
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	0.03	12	11	<0.03	0.03	0.01625	0.0043301
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.05	0.04	0.05	0.05	12	1	<0.01	0.05	0.0370833	0.0168494
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	0.002	12	11	<0.001	0.002	0.000625	0.000433
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	12	11	<0.0003	0.0007	0.0001958	0.0001588
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	11	<0.01	0.01	0.0054167	0.0014434
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	0.002	12	11	<0.001	0.002	0.000625	0.000433
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	12	11	<0.0003	0.0015	0.0002625	0.0003897
Metals, Total													
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	12	12	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.002 b	0.001	0.002	0.003 b	12	1	<0.001	0.004	0.0017083	0.0010967
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.1	12	9	<0.1	0.1	0.0625	0.0226134
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.23	0.21	0.26	0.2	12	1	<0.03	0.34	0.2104167	0.0937225
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.05	0.05	0.05	0.05	12	1	<0.01	0.05	0.0395833	0.0163009
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	0.001	<0.001	<0.001	12	11	<0.001	0.001	0.0005417	0.0001443
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			2.7	2.8	2.6	2.7	12	0	2.2	2.8	2.6416667	0.1831955
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		<0.0003	<0.0003	0.0003	<0.0003	12	11	<0.0003	0.0003	0.0001625	4.33E-05

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				705	705	705	705	Summary Statistics for Hydro ID 705					
Month Sampled				Sep-10	Oct-10	Nov-10	Dec-10						
Date and Time Collected				9/28/2010 12:00:00 AM	10/25/2010 12:00:00 AM	11/15/2010 12:00:00 AM	12/14/2010 12:00:00 AM						
Lab ID				R10090519 -001	R10100355 -001	R10110179 -001	R10120179 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		-3 j	-0.6 j	0.7 j	-0.3 j	12	0	-3	8.9	3.5583333	4.0019219
Gross Beta, Dissolved	pCi/L			8.6	9.7	10.7	11	12	0	6.7	17.1	11.575	3.0549885
Gross Gamma, Dissolved	pCi/L			390	670	650	390	12	1	<20	1100	595.83333	295.74124
Lead 210, Dissolved	pCi/L			1.8 j	-0.5 j	1 j	-0.2 j	12	0	-2	2	0.2941667	1.0613924
Polonium 210, Dissolved	pCi/L			-0.024 j	-0.035 j	-0.012 j	0.1 j	12	0	-0.06	0.11	0.0236667	0.0613223
Radium 226, Dissolved	pCi/L	5		1.8	2.4	2	1.9	12	0	0.6	2.4	1.7	0.509902
Thorium 230, Dissolved	pCi/L			0.04 j	0.02 j	-0.03 j	0.05 j	12	0	-0.03	1.2	0.131	0.3385225
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			-0.07 j	0.7 j	1.3 j	0.6 j	12	0	-1	2.7	0.4925	1.030632
Polonium 210, Suspended	pCi/L			-0.0041 j	-0.013 j	0.078 j	0 j	12	0	-0.1	0.18	0.0209083	0.0759641
Radium 226, Suspended	pCi/L	5		-0.06 j	0.1 j	0.2	-0.2 j	12	0	-0.3	0.3	-0.02	0.1906448
Thorium 230, Suspended	pCi/L			0.03 j	-0.3 j	-0.2 j	-0.2 j	12	0	-0.4	0.2	-0.1375	0.1748311
Radionuclides, Total													
Radon 222, Total	pCi/L			232	202	532	269	12	2	<100	532	223.83333	122.54263
Data Quality Parameters													
A/C Balance (± 5)	%			1.23	0.85	-1.85	0.94	12	0	-1.85	2.96	0.9625	1.4540109
Anions	meq/l			14.9	14.5	15	14.8	12	0	11.2	15.6	13.991667	1.3337973
Cations	meq/l			15.3	14.8	14.4	15	12	0	11.9	15.4	14.225	1.1161012
Solids, Total Dissolved Calculated	mg/L			988	940	974	979	12	0	825	1130	961.58333	72.740458
TDS Balance (0.80 - 1.20)	dec. %			1	0.98	1.02	1.01	12	0	0.9	1.08	1.0016667	0.0562193

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				706	706	706	706	706	706	706	706
Month Sampled				Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10
Date and Time Collected				1/18/2010 12:00:00 AM	2/22/2010 12:00:00 AM	3/15/2010 12:00:00 AM	4/21/2010 12:00:00 AM	5/17/2010 12:00:00 AM	6/22/2010 12:00:00 AM	7/27/2010 12:00:00 AM	8/23/2010 12:00:00 AM
Lab ID				R10010180 -002	R10020266 -002	R10030205 -003	R10040303 -002	R10050253 -002	R10060444 -002	R10070459 -002	R10080398 -002
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Field Parameters											
Field Conductivity	umhos/cm			1620	1600	1610	1610	1600	1590	1560	1550
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	7.61	7.6	7.5	7.5	7.45	7.39	7.28	7.37
Field Temperature	Deg C			13.2	11.7	12.6	13	14	14.3	14.3	14
Field Turbidity	NTUs			NM	NM	NM	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	3725.27	3724.82
Physical Properties											
Conductivity @ 25 C	umhos/cm			1620	1160	1570	1600	1520 b	1520	1540	1540
Oxidation-Reduction Potential	mV			220	230	220	290	260	340	220	280
pH, Laboratory	s.u.		6.5-8.5	7.63	7.57	7.48	7.5	7.47	7.5	7.51	7.53
Sodium Adsorption Ratio (SAR)	unitless			2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.3
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1200	1300	1200	1200	1100	1100 d	1200 d	1300 d
Major Ions											
Alkalinity, Total as CaCO3	mg/L			196	190	200 h	198	200	210	200	194
Bicarbonate as HCO3	mg/L			239	232	244 h	241	244	256	244	236
Calcium, Dissolved	mg/L			172 d	166 d	166 d	173 d	168 d	165 d	163 d	170 d
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	10	9.9	10	9	10	9	9	10 b
Fluoride	mg/L	4	2	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6
Magnesium, Dissolved	mg/L			49	48	46.6	48.6	47.2	47.4	47.4	48.7
Nitrogen, Ammonia as N	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			12.4	12.3	11.3	11.9	11.7	11.8	11.5	12.2
Silica	mg/L			9.1	8.8	8.3	9	6.7	7.6	8.5	7.9
Sodium, Dissolved	mg/L			127 d	126 d	124 d	134 d	130 d	130 d	132 d	133 d
Sulfate, Total	mg/L		250	714	677	666	659	694	640 d	658 d	708 d
Metals, Dissolved											
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.003	0.003	0.001	0.001	0.001	0.001	<0.001	0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.52	0.48	0.53	0.56	0.54	0.56	0.56	0.57
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0089	0.0079	0.0078	0.0084	0.0086	0.0087	0.0069	0.0087
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01
Metals, Dissolved, Speciated											
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended											
Uranium, Suspended	mg/L	0.03		<0.0003	0.0011 b	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total											
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.003	0.003	0.001	0.002	0.001	0.001	0.001	0.001
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.03	0.07	0.15 d	<0.04	<0.03	<0.03	<0.03	<0.03
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.54	0.5	0.56	0.57	0.55	0.57	0.56	0.58
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	0.001	<0.001	<0.001	0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			2.4	2.5	2.4	2.4	2.3	2.4	2.3	2.3
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.0087	0.008	0.0088	0.0083	0.0088	0.0081	0.008	0.0083

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				706	706	706	706	706	706	706	706
Month Sampled				Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10
Date and Time Collected				1/18/2010 12:00:00 AM	2/22/2010 12:00:00 AM	3/15/2010 12:00:00 AM	4/21/2010 12:00:00 AM	5/17/2010 12:00:00 AM	6/22/2010 12:00:00 AM	7/27/2010 12:00:00 AM	8/23/2010 12:00:00 AM
Lab ID				R10010180 -002	R10020266 -002	R10030205 -003	R10040303 -002	R10050253 -002	R10060444 -002	R10070459 -002	R10080398 -002
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved											
Gross Alpha, Dissolved	pCi/L	15		39.7	37.9	11.2	56.3	40.1	34	31.6	21.9
Gross Beta, Dissolved	pCi/L			18.3	27.5	19.7	32.7	25.7	19.6	27.2	25.2
Gross Gamma, Dissolved	pCi/L			820	<20	990	960	<20	1300	980	610
Lead 210, Dissolved	pCi/L			1.1 j	-0.1 j	0.7 j	-2 j	2.2 j	0.7 j	-1 j	-0.7 j
Polonium 210, Dissolved	pCi/L			0.074 j	0.23 j	0 j	-0.0025 j	-0.06 j	-0.042 j	0.062 j	-0.04 j
Radium 226, Dissolved	pCi/L	5		2.7	2.3	2.9	4.3	1.9	2.5	2.6	2.7
Thorium 230, Dissolved	pCi/L			0.01 j	-0.01 j	-0.01 j	0.004 j	0.006 j	0.8	0.04 j	-0.02 j
Radionuclides, Suspended											
Lead 210, Suspended	pCi/L			2.6 j	0.3 j	0.7 j	0.7 j	-1 j	0.05 j	-2 j	-0.02 j
Polonium 210, Suspended	pCi/L			0.12 j	-0.096 j	0.061 j	0.14 j	0.061 j	-0.047 j	0 j	0.068 j
Radium 226, Suspended	pCi/L	5		-0.2 j	0.07 j	0.2	0.03 j	0.6	-0.2 j	-0.1 j	-0.1 j
Thorium 230, Suspended	pCi/L			0.06 j	-0.07 j	-0.001 j	0.1 j	-0.1 j	-0.2 j	-0.2 j	-0.03 j
Radionuclides, Total											
Radon 222, Total	pCi/L			270	313	319	303	303	338	373	342
Data Quality Parameters											
A/C Balance (± 5)	%			-1.62	-0.44	-0.99	2.25	-1.36	0.9	0.4	-0.75
Anions	meq/l			19.1	18.2	18.2	18	18.8	17.8	18	18.9
Cations	meq/l			18.5	18	17.8	18.8	18.3	18.2	18.1	18.6
Solids, Total Dissolved Calculated	mg/L			1230	1540	1170	1180	1200	1150	1160	1220
TDS Balance (0.80 - 1.20)	dec. %			0.96	1.08	1.06	1.06	0.93	0.96	1	1.09

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				706	706	706	706	Summary Statistics for Hydro ID 706					
Month Sampled				Sep-10	Oct-10	Nov-10	Dec-10						
Date and Time Collected				9/28/2010 12:00:00 AM	10/25/2010 12:00:00 AM	11/15/2010 12:00:00 AM	12/14/2010 12:00:00 AM						
Lab ID				R10090519 -002	R10100355 -002	R10110179 -002	R10120179 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detects)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1570	1580	1590	1590	12	0	1550	1620	1589.17	21.087839
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Field pH	s.u.		6.5-8.5	7.35	7.45	7.38	7.38	12	0	7.28	7.61	7.44	0.1000757
Field Temperature	Deg C			13.9	13.2	13.4	13.2	12	0	11.7	14.3	13.40	0.7627701
Field Turbidity	NTUs			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Water Level Elevation	ft AMSL			NM	3724.8	3725.29	3725.19	5	0	3724.8	3725.29	3725.07	0.2439877
Physical Properties													
Conductivity @ 25 C	umhos/cm			1560	1510	1470	1540	12	0	1160	1620	1512.50	118.0235
Oxidation-Reduction Potential	mV			290	320	220	200	12	0	200	340	257.50	45.751304
pH, Laboratory	s.u.		6.5-8.5	7.44	7.59	7.35	7.3	12	0	7.3	7.63	7.49	0.0938527
Sodium Adsorption Ratio (SAR)	unitless			2.3	2.3	2.2	2.2	12	0	2.2	2.4	2.27	0.0651339
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1200 d	1200 d	1200 d	1200 d	12	0	1100	1300	1200.00	60.302269
Major Ions													
Alkalinity, Total as CaCO3	mg/L			192	192	194	194	12	0	190	210	196.67	5.4160256
Bicarbonate as HCO3	mg/L			234	234	236	236	12	0	232	256	239.67	6.6651513
Calcium, Dissolved	mg/L			166	167	163	167	12	0	163	173	167.17	3.1574827
Carbonate as CO3	mg/L			<5	<5	<5	<5	12	12	<5	<5	<5	<5
Chloride	mg/L		250	10 b	9	10	10	12	0	9	10	9.66	0.4870287
Fluoride	mg/L	4	2	0.5	0.5	0.6	0.6	12	0	0.4	0.6	0.51	0.0668558
Magnesium, Dissolved	mg/L			47.9	47.7	45.2	47.8	12	0	45.2	49	47.63	1.0208063
Nitrogen, Ammonia as N	mg/L			<0.1	0.1	<0.1	<0.1	12	11	<0.1	0.1	0.05	0.0144338
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	12	11	<0.1	0.2	0.06	0.0433013
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			11.6	11.6	12	11.9	12	0	11.3	12.4	11.85	0.3343923
Silica	mg/L			8.6	7.9	8.3	9.3	12	0	6.7	9.3	8.33	0.7302967
Sodium, Dissolved	mg/L			132 d	132 d	125 d	128 d	12	0	124	134	129.42	3.3427896
Sulfate, Total	mg/L		250	687 d	648 d	689 d	682 d	12	0	640	714	676.83	23.166721
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	0.001	<0.001	<0.001	12	3	<0.001	0.003	0.00	0.0008649
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	11	<0.1	0.1	0.05	0.0144338
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	12	12	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.53	0.49	0.57	0.58	12	0	0.48	0.58	0.54	0.0320393
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	0.002	12	11	<0.001	0.002	0.001	0.000433
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0081	0.0086	0.0082	0.0083	12	0	0.0069	0.0089	0.01	0.0005452
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	11	<0.01	0.02	0.01	0.0043301
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	0.002	12	11	<0.001	0.002	0.001	0.000433
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	12	11	<0.0003	0.0011	0.0002	0.0002742
Metals, Total													
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	12	12	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.002 b	0.003	0.002	0.001	12	0	0.001	0.003	0.00	0.000866
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	<0.1	<0.1	12	11	<0.1	0.1	0.05	0.0144338
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	0.03	0.06	0.04	0.04	12	5	<0.03	0.15	0.04	0.0386907
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.57	0.56	0.59	0.52	12	0	0.5	0.59	0.56	0.0253909
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	10	<0.001	0.001	0.00	0.0001946
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			2.3	2	2.3	2.2	12	0	2	2.5	2.32	0.1267304
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		0.0085	0.0089	0.0098	0.0084	12	0	0.008	0.0098	0.01	0.0005036

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				706	706	706	706	Summary Statistics for Hydro ID 706					
Month Sampled				Sep-10	Oct-10	Nov-10	Dec-10						
Date and Time Collected				9/28/2010 12:00:00 AM	10/25/2010 12:00:00 AM	11/15/2010 12:00:00 AM	12/14/2010 12:00:00 AM						
Lab ID				R10090519 -002	R10100355 -002	R10110179 -002	R10120179 -002						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detects)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		20.5	19.3	24.5	18.2	12	0	11.2	56.3	29.60	12.649542
Gross Beta, Dissolved	pCi/L			21.3	25.8	21.1	22.4	12	0	18.3	32.7	23.88	4.2013255
Gross Gamma, Dissolved	pCi/L			470	490	490	<162.4	12	3	<20	1300	600.93	423.30335
Lead 210, Dissolved	pCi/L			1.5 j	0.1 j	-0.08 j	-0.8 j	12	0	-2	2.2	0.14	1.1761919
Polonium 210, Dissolved	pCi/L			-0.075 j	-0.012 j	-0.011 j	0.096 j	12	0	-0.075	0.23	0.02	0.0854301
Radium 226, Dissolved	pCi/L	5		2	2.2	2.4	2.5	12	0	1.9	4.3	2.58	0.6147185
Thorium 230, Dissolved	pCi/L			0.008 j	0.001 j	0.03 j	0.04 j	12	0	-0.02	0.8	0.07	0.2291421
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			-0.6 j	1.5 j	2.5 j	0.3 j	12	0	-2	2.6	0.42	1.3373818
Polonium 210, Suspended	pCi/L			-0.0047 j	0.081 j	-0.032 j	0 j	12	0	-0.096	0.14	0.03	0.0705909
Radium 226, Suspended	pCi/L	5		-0.02 j	0.2	0.1 j	-0.1 j	12	0	-0.2	0.6	0.04	0.2229961
Thorium 230, Suspended	pCi/L			0.05 j	-0.1 j	-0.2 j	-0.1 j	12	0	-0.2	0.1	-0.07	0.1043425
Radionuclides, Total													
Radon 222, Total	pCi/L			300	254	683	241	12	0	241	683	336.58	115.29051
Data Quality Parameters													
A/C Balance (± 5)	%			-0.4	2.02	-2.58	-0.56	12	0	-2.58	2.25	-0.26	1.4345317
Anions	meq/l			18.4	17.6	18.6	18.4	12	0	17.6	19.1	18.33	0.4559373
Cations	meq/l			18.3	18.3	17.6	18.2	12	0	17.6	18.8	18.23	0.330633
Solids, Total Dissolved Calculated	mg/L			1190	1190	1180	1190	12	0	1150	1540	1216.67	104.30143
TDS Balance (0.80 - 1.20)	dec. %			1	1.03	1.01	0.99	12	0	0.93	1.09	1.01	0.0508935

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				3026	3026	3026	3026	3026	3026	3026	3026
Quarter Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/30/2008 6:45:00 PM	4/22/2008 2:30:00 PM	5/28/2008 3:15:00 PM	6/24/2008 8:06:00 PM	7/13/2008 3:28:00 PM	8/19/2008 4:25:00 PM	9/23/2008 3:10:00 PM	10/20/2008 1:15:00 PM
Lab ID				R08030315 -009	R08040287 -003	R08050406 -003	R08060427 -006	R08070220 -001	R08080301 -001	R08090356 -007	R08100295 -007
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Field Parameters											
Field Conductivity	umhos/cm			2250	2818	2821	3069	3098	2843	2700	2700
Field Dissolved Oxygen	mg/L			3.83	NM	NM	0.15	0.17	0.71	NM	NM
Field pH	s.u.		6.5-8.5	10.79	8.95	6.91	6.58	6.5	6.09	6.86	6.8
Field Temperature	Deg C			10.89	12	12.03	12.41	12.36	12.37	13.8	12.2
Field Turbidity	NTUs			19.9	17.5	1.2	5	10.7	9.1	NM	NM
Water Level Elevation	ft AMSL			3681.89	3681.77	3681.73	3681.85	3681.78	3681.63	3681.78	3681.83
Physical Properties											
Conductivity @ 25 C	umhos/cm			2770	2730	2610	2970	3070	3480	2060	2660
Oxidation-Reduction Potential	mV			200	240	210	85	-15.5	130	-97.9	210
pH, Laboratory	s.u.		6.5-8.5	7.63	8.49	6.95	6.82	6.57	7.07	6.92	7.12
Sodium Adsorption Ratio (SAR)	unitless			3.7	3.6	2.4	1.8	1.8	1.7	2	2.1
Solids, Total Dissolved TDS @ 180 C	mg/L		500	2300	2300	2400	2700	2800	2800	2300	1700
Major Ions											
Alkalinity, Total as CaCO3	mg/L			130	126	166	172	184	208	196	194
Bicarbonate as HCO3	mg/L			158	134	202	210	224	254	239	236
Calcium, Dissolved	mg/L			284	331	407	461	466	499	347	331
Carbonate as CO3	mg/L			<5	10	<5	<5	<5	<5	<5	<5
Chloride	mg/L		250	37 d	16	15	15	15	15	15	17
Fluoride	mg/L	4	2	0.6	0.4	0.4	0.4	0.5	0.4	0.5	0.3
Magnesium, Dissolved	mg/L			67.9	86.8	105	137	138	152	113	104
Nitrogen, Ammonia as N	mg/L			1.2	0.8	0.7	0.6	0.7	0.6	0.5	0.4
Nitrogen, Nitrate as N	mg/L	10		0.1	0.09	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			21.3	23.7	25.3	22.3	30.6	21.9	18.6	19
Silica	mg/L			5.7	2.1	2.3	1.9	1.4	2.2	<0.5	9.9
Sodium, Dissolved	mg/L			271	284 d	209 d	171 d	168	172 d	171	168 d
Sulfate, Total	mg/L		250	1470 d	1520	1480 d	1790	1700 d	1870 d	1560 d	1360 d
Metals, Dissolved											
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.004	0.012	0.002	<0.001	0.016	0.017	<0.001	0.002
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	0.2	0.2	0.1	0.2	0.2	0.2
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.1	2.67	0.23	0.04	21.2	25.4	1.26	3.36
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.42	0.36	0.82	1.42	1.47	1.6	0.84	0.92
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			0.2	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0151	0.015	0.0281	0.0183	0.0128	0.0106	0.0059	0.0045
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	0.01	<0.01	<0.01	0.01	0.02	<0.01	<0.01
Metals, Dissolved, Speciated											
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.001	<0.001
Selenium-VI, Dissolved	mg/L			0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Metals, Suspended											
Uranium, Suspended	mg/L	0.03		0.004	0.001	0.0013	0.0015	<0.0003	<0.0003	<0.0008	<0.0003
Metals, Total											
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.023	0.022	0.028	0.025	0.044	0.022	0.016	0.01 I
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			<0.1	<0.1	0.1	0.2	0.3	0.1	0.2	0.2
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	1.75	5.38	11.1	21.8	22	25.8	17.9	14.3
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	0.13	0.46	0.87	1.46	1.57	1.64	1.18	1.01
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	NM	<0.0001	NM	NM	NM
Molybdenum, Total	mg/L			0.3	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		0.007	0.002	<0.001	0.005 d	<0.001	0.001	0.002	<0.001
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			4.8	6.3	7	7.4	7.7	7.2	6.5	5.9
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				3026	3026	3026	3026	3026	3026	3026	3026
Quarter Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/30/2008 6:45:00 PM	4/22/2008 2:30:00 PM	5/28/2008 3:15:00 PM	6/24/2008 8:06:00 PM	7/13/2008 3:28:00 PM	8/19/2008 4:25:00 PM	9/23/2008 3:10:00 PM	10/20/2008 1:15:00 PM
Lab ID				R08030315 -009	R08040287 -003	R08050406 -003	R08060427 -006	R08070220 -001	R08080301 -001	R08090356 -007	R08100295 -007
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Uranium, Total	mg/L	0.03		0.0097	0.0196	0.0322	0.0216	0.0151	0.0105	0.0085	0.0055
Zinc, Total	mg/L		5	<0.01	0.01	0.01	0.01	0.03	0.02	<0.01	<0.01
Radionuclides, Dissolved											
Gross Alpha, Dissolved	pCi/L	15		47.6	43.8	92.4	116	80.1	77.5	44	36
Gross Beta, Dissolved	pCi/L			21.1	24.4	28.3	33.9	32.6	30.2	16	20.2
Gross Gamma, Dissolved	pCi/L			0 j	0 j	0 j	0 j	1000	840	960	840
Lead 210, Dissolved	pCi/L			<1	0 j	-0.7 j	-5.3 j	3.1 j	2.1 j	0.1 j	-1 j
Polonium 210, Dissolved	pCi/L			0.4 j	0.2 j	0 j	0.2 j	0.2 j	0.2 j	0.2 j	0 j
Radium 226, Dissolved	pCi/L	5		3.6	2.8	9.6	4.7	10.1	9.5	10.4	3.5
Thorium 230, Dissolved	pCi/L			0 j	0.1 j	0.1 j	0 j	0.1 j	0 j	0.1 j	0.1 j
Radionuclides, Suspended											
Lead 210, Suspended	pCi/L			-3 j	-8.2 j	4 j	6.9 j	-10 j	-5 j	-2 j	-3 j
Polonium 210, Suspended	pCi/L			1.9	0 j	-0.1 j	0.2 j	0.1 j	0 j	0.066 j	0.2 j
Radium 226, Suspended	pCi/L	5		3.3	0.1 j	1.2	-0.1 j	-0.2 j	-0.3 j	0.9	-0.8 j
Thorium 230, Suspended	pCi/L			1	0.3	0.2 j	0 j	0 j	0 j	0.5	-0.1 j
Radionuclides, Total											
Radon 222, Total	pCi/L			440	304	213	950	560	836	357	254
Data Quality Parameters											
A/C Balance (± 5)	%			-2.96	3.12	5.9	1.44	5.04	3.22	-3.03	0.62
Anions	meq/l			34.2	34.6	34.5	41.2	39.4	43.6	36.8	32.7
Cations	meq/l			32.2	36.8	38.8	42.4	43.6	46.5	34.6	33.1
Solids, Total Dissolved Calculated	mg/L			2240	2340	2340	2710	2630	2860	2340	2140
TDS Balance (0.80 - 1.20)	dec. %			1.03	0.99	1.03	1.01	1.06	0.98	0.97	0.78

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				3026	3026	3026	3026	Summary Statistics for Hydro ID 3026					
Quarter Sampled				Nov-08	Dec-08	Jan-09	Feb-09						
Date and Time Collected				11/18/2008 11:19:00 AM	12/17/2008 12:46:00 PM	1/20/2009 2:25:00 PM	2/24/2009 11:35:00 AM						
Lab ID				R08110211 -007	R08120255 -004	R09010301 -010	R09020293 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			2800	2700	2500	2700	12	0	2250	3098	2749.9167	226.87179
Field Dissolved Oxygen	mg/L			NM	NM	NM	NM	4	0	0.15	3.83	1.215	1.7625266
Field pH	s.u.		6.5-8.5	6.72	6.74	7.04	6.76	12	0	6.09	10.79	7.2283333	1.3166199
Field Temperature	Deg C			12.3	11.1	11.2	11.9	12	0	10.89	13.8	12.046667	0.767017
Field Turbidity	NTUs			NM	NM	NM	NM	6	0	1.2	19.9	10.566667	7.1564423
Water Level Elevation	ft AMSL			3681.85	3682.5	3682.53	3682.5	12	0	3681.63	3682.53	3681.97	0.3324291
Physical Properties													
Conductivity @ 25 C	umhos/cm			2310	2490	2600	2510	12	0	2060	3480	2688.3333	367.2956
Oxidation-Reduction Potential	mV			290	310	240	170	12	0	-97.9	310	164.3	121.54901
pH, Laboratory	s.u.		6.5-8.5	7.44	6.83	6.67	6.63	12	0	6.57	8.49	7.095	0.5412528
Sodium Adsorption Ratio (SAR)	unitless			2	1.9	1.9	1.8	12	0	1.7	3.7	2.225	0.6903556
Solids, Total Dissolved TDS @ 180 C	mg/L		500	2300	2300	2100	2300	12	0	1700	2800	2358.3333	305.87678
Major Ions													
Alkalinity, Total as CaCO3	mg/L			184	180	174	176	12	0	126	208	174.16667	24.472
Bicarbonate as HCO3	mg/L			224	219	212	215	12	0	134	254	210.58333	33.703138
Calcium, Dissolved	mg/L			375	377	350	334 d	12	0	284	499	380.16667	65.368652
Carbonate as CO3	mg/L			<5	<5	<5	<5	12	11	<5	10	3.125	2.1650635
Chloride	mg/L		250	17	16	16	16	12	0	15	37	17.5	6.1864956
Fluoride	mg/L	4	2	0.3	0.4	0.6	0.6	12	0	0.3	0.6	0.45	0.1087115
Magnesium, Dissolved	mg/L			117	120	114	108	12	0	67.9	152	113.55833	22.71305
Nitrogen, Ammonia as N	mg/L			0.5	0.5	0.5	0.4	12	0	0.4	1.2	0.6166667	0.2208798
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	12	10	<0.1	0.1	0.0575	0.0176455
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	12	12	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			19.3	19.7	20.6	17.5	12	0	17.5	30.6	21.65	3.5955781
Silica	mg/L			9.1	9.6	8.5	8.1	12	1	<0.5	9.9	5.0875	3.7283999
Sodium, Dissolved	mg/L			170 d	164 d	161	147	12	0	147	284	188	44.199959
Sulfate, Total	mg/L		250	1370 d	1290 d	1310 d	1390 d	12	0	1290	1870	1509.1667	189.27893
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.002	0.002	0.001	0.001	12	2	<0.001	0.017	0.005	0.0062048
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			0.2	0.2	<0.1	0.2	12	3	<0.1	0.2	0.1541667	0.0689477
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	12	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	3.59	6.93	6.85	2.98	12	0	0.04	25.4	6.2175	8.3530007
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	1.04	1.18	1.16	1.1	12	0	0.36	1.6	1.0275	0.3847343
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	10	<0.1	0.2	0.0666667	0.0443813
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.001	12	11	<0.001	0.006	0.0009583	0.0015877
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0048	0.0045	0.0039	0.0022	12	0	0.0022	0.0281	0.010475	0.0077189
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	12	11	<0.1	0.1	0.0541667	0.0144338
Zinc, Dissolved	mg/L		5	<0.01	<0.01	0.02	<0.01	12	8	<0.01	0.02	0.0083333	0.0057735
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	11	<0.001	0.001	0.0005417	0.0001443
Selenium-VI, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	12	11	<0.001	0.006	0.0009583	0.0015877
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0009	0.0003	<0.0003	12	7	<0.0003	0.004	0.0013708	0.0011145
Metals, Total													
Antimony, Total	mg/L	0.006		<0.003	<0.003	<0.003	<0.003	12	12	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.006	0.009	0.01	0.006	12	0	0.006	0.044	0.0184167	0.0112044
Barium, Total	mg/L	2		<0.1	<0.1	<0.1	<0.1	12	12	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		<0.001	<0.001	<0.001	<0.001	12	11	<0.001	0.001	0.0005417	0.0001443
Boron, Total	mg/L			0.2	0.2	0.2	0.2	12	2	<0.1	0.3	0.1666667	0.0748736
Cadmium, Total	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	<0.01	<0.01	<0.01	<0.01	12	11	<0.01	0.01	0.0054167	0.0014434
Iron, Total	mg/L		0.3	14.5	17	17 d	15.1	12	0	1.75	25.8	15.3025	6.817483
Lead, Total	mg/L			<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	1	1.08	1.2	1.35	12	0	0.13	1.64	1.0791667	0.4408351
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.0001	<0.001	<0.001	<0.001
Mercury, Total A3112B	mg/L	0.002		NM	NM	NM	NM	1	1	<0.0001	<0.0001	<0.0001	---
Molybdenum, Total	mg/L			<0.1	<0.1	<0.1	<0.1	12	10	<0.1	0.3	0.075	0.0722999
Nickel, Total	mg/L			<0.05	<0.05	<0.05	<0.05	12	12	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		<0.001	<0.001	0.003	<0.001	12	6	<0.001	0.007	0.0019167	0.0021195
Silver, Total	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	12	12	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			5.7	5.9	6	5.8	12	0	4.8	7.7	6.35	0.8393721
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	12	12	<0.001	<0.001	<0.001	<0.001

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				3026	3026	3026	3026	Summary Statistics for Hydro ID 3026					
Quarter Sampled				Nov-08	Dec-08	Jan-09	Feb-09						
Date and Time Collected				11/18/2008 11:19:00 AM	12/17/2008 12:46:00 PM	1/20/2009 2:25:00 PM	2/24/2009 11:35:00 AM						
Lab ID				R08110211 -007	R08120255 -004	R09010301 -010	R09020293 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Uranium, Total	mg/L	0.03		0.0044	0.0047	0.0047	0.0025	12	0	0.0025	0.0322	0.0115833	0.008955
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	12	7	<0.01	0.03	0.0095833	0.0078214
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		19.7	23.9	51.6	15.4	12	0	15.4	116	54	31.187468
Gross Beta, Dissolved	pCi/L			3.4 j	19	24.9	18.1	12	0	3.4	33.9	22.675	8.4197954
Gross Gamma, Dissolved	pCi/L			0 j	0 j	1000	0 j	12	0	0	1000	386.66667	480.40387
Lead 210, Dissolved	pCi/L			-2 j	2.3 j	-0.9 j	0.4 j	12	1	<1	3.1	-0.116667	2.2147577
Polonium 210, Dissolved	pCi/L			0 j	0.2 j	0.053 j	0.14 j	12	0	0	0.4	0.1494167	0.1185154
Radium 226, Dissolved	pCi/L	5		3.9	2.7	3.5	2.9	12	0	2.7	10.4	5.6	3.2271575
Thorium 230, Dissolved	pCi/L			0 j	0.1 j	0 j	-0.03 j	12	0	-0.03	0.1	0.0475	0.0554527
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			-2 j	4 j	-0.5 j	2.9 j	12	0	-10	6.9	-1.325	5.0940473
Polonium 210, Suspended	pCi/L			-0.031 j	0 j	-0.058 j	0.098 j	12	0	-0.1	1.9	0.1979167	0.5442453
Radium 226, Suspended	pCi/L	5		0.8	0.2 j	0.6	0.1 j	12	0	-0.8	3.3	0.4833333	1.0521263
Thorium 230, Suspended	pCi/L			-0.1 j	0.1 j	-0.1 j	-0.07 j	12	0	-0.1	1	0.1441667	0.3268989
Radionuclides, Total													
Radon 222, Total	pCi/L			505	355	295	484	12	0	213	950	462.75	227.8409
Data Quality Parameters													
A/C Balance (± 5)	%			5.27	8.46	5.42	-0.59	12	0	-3.03	8.46	2.6591667	3.6297995
Anions	meq/l			32.8	31	31.2	33	12	0	31	43.6	35.416667	4.0287226
Cations	meq/l			36.4	36.7	34.8	32.6	12	0	32.2	46.5	37.375	4.6045679
Solids, Total Dissolved Calculated	mg/L			2210	2120	2100	2140	12	0	2100	2860	2347.5	252.91483
TDS Balance (0.80 - 1.20)	dec. %			1.03	1.08	0.99	1.05	12	0	0.78	1.08	1	0.0769888

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				4002	4002	4002	4002	Summary Statistics for Hydro ID 4002					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/27/2007 2:35:00 PM	11/14/2007 11:45:00 AM	2/12/2008 11:47:00 AM	5/19/2008 1:00:00 PM						
Lab ID				R07090385 -003	R07110184 -002	R08020130 -004	R08050251 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			747	1185	1230	1214	4	0	747	1230	1094	232.08188
Field Dissolved Oxygen	mg/L			0.43	NM	NM	1.39	2	0	0.43	1.39	0.91	0.6788225
Field pH	s.u.		6.5-8.5	8.32	8.17	7.83	7.92	4	0	7.83	8.32	8.06	0.2252406
Field Temperature	Deg C			NM	11.21	8.34	12.08	3	0	8.34	12.08	10.543333	1.9570982
Field Turbidity	NTUs			NM	3.2	0.3	0.7	3	0	0.3	3.2	1.4	1.5716234
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Physical Properties													
Conductivity @ 25 C	umhos/cm			1190	1130	1230	1340	4	0	1130	1340	1222.5	88.45903
Oxidation-Reduction Potential	mV			NM	140	190	250	3	0	140	250	193.33333	55.075705
pH, Laboratory	s.u.		6.5-8.5	7.81	7.65	7.83	8.02	4	0	7.65	8.02	7.8275	0.1515201
Sodium Adsorption Ratio (SAR)	unitless			NM	6.7	6.7	6.8	3	0	6.7	6.8	6.7333333	0.057735
Solids, Total Dissolved TDS @ 180 C	mg/L		500	820	850	830	790	4	0	790	850	822.5	25
Major Ions													
Alkalinity, Total as CaCO3	mg/L			140	140	138	144	4	0	138	144	140.5	2.5166115
Bicarbonate as HCO3	mg/L			171	171	168	176	4	0	168	176	171.5	3.3166248
Calcium, Dissolved	mg/L			36.8	41.4	42.4	46.6	4	0	36.8	46.6	41.8	4.0232657
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	7	7	7	6	4	0	6	7	6.75	0.5
Fluoride	mg/L	4	2	0.3	0.4	0.4	0.4	4	0	0.3	0.4	0.375	0.05
Magnesium, Dissolved	mg/L			11.9	13.9	14.2	15.8	4	0	11.9	15.8	13.95	1.6010413
Nitrogen, Ammonia as N	mg/L			0.3	<0.1	<0.1	<0.1	4	3	<0.1	0.3	0.1125	0.125
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	0.1	4	3	<0.1	0.1	0.0625	0.025
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			7.2	7.3	7.4	7.1	4	0	7.1	7.4	7.25	0.1290994
Silica	mg/L			6.6	7.6	7.3	3.8	4	0	3.8	7.6	6.325	1.734695
Sodium, Dissolved	mg/L			170 d	197 d	198 d	211 d	4	0	170	211	194	17.224014
Sulfate, Total	mg/L		250	454 d	448 d	470	450 d	4	0	448	470	455.5	9.9833194
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	<0.03	<0.03	<0.03	4	4	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.08	0.08	0.08	0.08	4	0	0.08	0.08	0.08	0
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	<0.001	<0.001	<0.005	4	4	<0.001	<0.005	<0.005	<0.005
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0026	0.0026	0.0026	0.0023	4	0	0.0023	0.0026	0.002525	0.00015
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	<0.001	0.002	2	1	<0.001	0.002	0.00125	0.0010607
Barium, Total	mg/L	2		NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	NM	<0.005	<0.001	2	2	<0.001	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	2.23	2.29	2	0	2.23	2.29	2.26	0.0424264
Lead, Total	mg/L			NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	0.08	0.08	2	0	0.08	0.08	0.08	0
Mercury, Total	mg/L	0.002		<0.0002	<0.001	<0.001	<0.0001	4	4	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	0.8	0.9	2	0	0.8	0.9	0.85	0.0707107
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	NM	0.0025 d	0.0025	2	0	0.0025	0.0025	0.0025	0

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				4002	4002	4002	4002	Summary Statistics for Hydro ID 4002					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/27/2007 2:35:00 PM	11/14/2007 11:45:00 AM	2/12/2008 11:47:00 AM	5/19/2008 1:00:00 PM						
Lab ID				R07090385 -003	R07110184 -002	R08020130 -004	R08050251 -003						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		120	227	314	127	4	0	120	314	197	92.047089
Gross Beta, Dissolved	pCi/L			45.5	87.9	101	30.1	4	0	30.1	101	66.125	33.732316
Gross Gamma, Dissolved	pCi/L			120	2200	650	210	4	0	120	2200	795	964.86614
Lead 210, Dissolved	pCi/L			2	6.2	<1	-2.6 j	4	1	<1	6.2	1.525	3.6582099
Polonium 210, Dissolved	pCi/L			<1	<1	2.1	0 j	4	2	<1	2.1	0.775	0.9142392
Radium 226, Dissolved	pCi/L	5		63.6	54.2	57	52.3	4	0	52.3	63.6	56.775	4.942587
Thorium 230, Dissolved	pCi/L			0.5	<0.2	0.2	0 j	4	1	<0.2	0.5	0.2	0.2160247
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			9.7	<1	<1	1.4 j	4	2	<1	9.7	3.025	4.470179
Polonium 210, Suspended	pCi/L			<1	<1	<1	0.1 j	4	3	<1	0.1	0.4	0.2
Radium 226, Suspended	pCi/L	5		<0.2	2.4	37	8.4	4	1	<0.2	37	11.975	17.046285
Thorium 230, Suspended	pCi/L			<0.2	<0.2	<0.2	0.1 j	4	3	<0.2	0.1	0.1	0
Radionuclides, Total													
Lead 210, Total	pCi/L			12	NM	NM	NM	1	0	12	12	12	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		62.7	NM	NM	NM	1	0	62.7	62.7	62.7	---
Radon 222, Total	pCi/L			NM	8010	9890 h	8780	3	0	8010	9890	8893.3333	945.11022
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-4.1	-1.56	-2.61	2.11	4	0	-4.1	2.11	-1.54	2.647099
Anions	meq/l			11.3	12.3	12.8	12.4	4	0	11.3	12.8	12.2	0.6377042
Cations	meq/l			10.4	12	12.1	13	4	0	10.4	13	11.875	1.0812801
Solids, Total Dissolved Calculated	mg/L			716	799	842	834	4	0	716	842	797.75	57.61004
TDS Balance (0.80 - 1.20)	dec. %			1.15	1.06	0.98	0.94	4	0	0.94	1.15	1.0325	0.0928709

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

Federal MCL

Secondary Standard

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				7002	7002	7002	7002	Summary Statistics for Hydro ID 7002					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 5:48:00 PM	11/12/2007 8:10:00 AM	2/20/2008 8:30:00 AM	5/29/2008 10:44:00 AM						
Lab ID				R07100002 -008	R07110146 -001	R08020220 -001	R08050419 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters													
Field Conductivity	umhos/cm			1815	2275	2113	2258	4	0	1815	2275	2115.25	212.95755
Field Dissolved Oxygen	mg/L			NM	1.11	1.21	NM	2	0	1.11	1.21	1.16	0.0707107
Field pH	s.u.		6.5-8.5	6.99	7.89	7.19	7.5	4	0	6.99	7.89	7.3925	0.3924602
Field Temperature	Deg C			11.99	11.37	11.02	12.03	4	0	11.02	12.03	11.6025	0.4920281
Field Turbidity	NTUs			NM	1.9	0.7	2.2	3	0	0.7	2.2	1.6	0.7937254
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Physical Properties													
Conductivity @ 25 C	umhos/cm			2200	2210	2420	2480	4	0	2200	2480	2327.5	143.61407
Oxidation-Reduction Potential	mV			NM	190	170	230	3	0	170	230	196.66667	30.550505
pH, Laboratory	s.u.		6.5-8.5	7.29	7.22	7.56	7.36	4	0	7.22	7.56	7.3575	0.1466004
Sodium Adsorption Ratio (SAR)	unitless			NM	2.7	2.4	2.6	3	0	2.4	2.7	2.5666667	0.1527525
Solids, Total Dissolved TDS @ 180 C	mg/L		500	1900	1900	1900	1800	4	0	1800	1900	1875	50
Major Ions													
Alkalinity, Total as CaCO3	mg/L			280	250	260	254	4	0	250	280	261	13.316656
Bicarbonate as HCO3	mg/L			341	305	317	310	4	0	305	341	318.25	15.945219
Calcium, Dissolved	mg/L			206 d	237	213	264	4	0	206	264	230	26.267851
Carbonate as CO3	mg/L			<5	<5	<5	<5	4	4	<5	<5	<5	<5
Chloride	mg/L		250	10	11	9	9	4	0	9	11	9.75	0.9574271
Fluoride	mg/L	4	2	0.2	0.2	0.5	0.3	4	0	0.2	0.5	0.3	0.1414214
Magnesium, Dissolved	mg/L			77.7	90.4	81.7	103	4	0	77.7	103	88.2	11.200893
Nitrogen, Ammonia as N	mg/L			0.3	0.3	0.2	0.2	4	0	0.2	0.3	0.25	0.057735
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			19.9	22.2	21	21.7	4	0	19.9	22.2	21.2	0.9966611
Silica	mg/L			7.3	8.2	7.8	3.4	4	0	3.4	8.2	6.675	2.214159
Sodium, Dissolved	mg/L			152 d	192 d	162 d	197 d	4	0	152	197	175.75	22.12653
Sulfate, Total	mg/L		250	1160 d	1040 d	1080 d	1020 d	4	0	1020	1160	1075	61.913919
Metals, Dissolved													
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.001	0.001	0.001	<0.001	4	1	<0.001	0.001	0.000875	0.00025
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	<0.03	0.25	0.28	0.06	4	1	<0.03	0.28	0.15125	0.13319
Lead, Dissolved	mg/L			<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.39	0.37	0.38	0.41	4	0	0.37	0.41	0.3875	0.0170783
Mercury, Dissolved	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	<0.05	<0.05	<0.05	4	4	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		0.001	<0.001	0.001	<0.001	4	2	<0.001	0.001	0.00075	0.0002887
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	<0.005	<0.005	<0.005	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.0007	0.0006	0.0006	0.0005	4	0	0.0005	0.0007	0.0006	8.165E-05
Vanadium, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	4	4	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	<0.01	<0.01	<0.01	4	4	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated													
Selenium-IV, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	<0.001	<0.001	<0.001	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended													
Uranium, Suspended	mg/L	0.03		<0.0003	<0.0003	<0.0003	<0.0003	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total													
Antimony, Total	mg/L	0.006		NM	NM	<0.003	<0.003	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	0.001	0.004 d	2	0	0.001	0.004	0.0025	0.0021213
Barium, Total	mg/L	2		NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L			NM	NM	<0.1	<0.1	2	2	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	1.25	1.32	2	0	1.25	1.32	1.285	0.0494975
Lead, Total	mg/L			NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	0.37	0.4	2	0	0.37	0.4	0.385	0.0212132
Mercury, Total	mg/L	0.002		<0.0002	<0.001	<0.001	<0.0001	4	4	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	<0.01	<0.1	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L			NM	NM	<0.05	<0.05	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	<0.005	<0.005	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	6.6	7.7	2	0	6.6	7.7	7.15	0.7778175
Thallium, Total	mg/L	0.002		NM	NM	<0.001	<0.001	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	NM	0.0005	0.0006	2	0	0.0005	0.0006	0.00055	7.071E-05

POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				7002	7002	7002	7002	Summary Statistics for Hydro ID 7002					
Quarter Sampled				3Q07	4Q07	1Q08	2Q08						
Date and Time Collected				9/28/2007 5:48:00 PM	11/12/2007 8:10:00 AM	2/20/2008 8:30:00 AM	5/29/2008 10:44:00 AM						
Lab ID				R07100002 -008	R07110146 -001	R08020220 -001	R08050419 -001						
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Zinc, Total	mg/L		5	NM	NM	<0.01	<0.01	2	2	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved													
Gross Alpha, Dissolved	pCi/L	15		45.6	39.8	91.4	29.5	4	0	29.5	91.4	51.575	27.372051
Gross Beta, Dissolved	pCi/L			29.7	34.1	41.4	28.4	4	0	28.4	41.4	33.4	5.864583
Gross Gamma, Dissolved	pCi/L			1200	1600	370	0 j	4	0	0	1600	792.5	735.90647
Lead 210, Dissolved	pCi/L			<1	<1	13	-0.6 j	4	2	<1	13	3.35	6.4541976
Polonium 210, Dissolved	pCi/L			1.3	4.1	<1	0.1 j	4	1	<1	4.1	1.5	1.8036999
Radium 226, Dissolved	pCi/L	5		8.5	8.1	8.8	8	4	0	8	8.8	8.35	0.3696846
Thorium 230, Dissolved	pCi/L			<0.2	<0.2	<0.2	0.1 j	4	3	<0.2	0.1	0.1	0
Radionuclides, Suspended													
Lead 210, Suspended	pCi/L			<1	<1	7.9	-1.1 j	4	2	<1	7.9	1.95	4.0377386
Polonium 210, Suspended	pCi/L			<1	<1	<1	0.2 j	4	3	<1	0.2	0.425	0.15
Radium 226, Suspended	pCi/L	5		<0.2	<0.2	<0.9	0 j	4	3	<0.2	0	0.1625	0.1973787
Thorium 230, Suspended	pCi/L			<0.2	<0.2	<0.2	0 j	4	3	<0.2	0	0.075	0.05
Radionuclides, Total													
Lead 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L			<1	NM	NM	NM	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	5		6.3	NM	NM	NM	1	0	6.3	6.3	6.3	---
Radon 222, Total	pCi/L			NM	938	752	1270	3	0	752	1270	986.66667	262.40681
Thorium 230, Total	pCi/L			<0.2	NM	NM	NM	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters													
A/C Balance (± 5)	%			-4.65	2.47	-5.62	7.56	4	0	-5.62	7.56	-0.06	6.230222
Anions	meq/l			26.3	26.9	28	26.5	4	0	26.3	28	26.925	0.7588368
Cations	meq/l			23.9	28.2	25	30.9	4	0	23.9	30.9	27	3.1759513
Solids, Total Dissolved Calculated	mg/L			1620	1750	1750	1780	4	0	1620	1780	1725	71.414284
TDS Balance (0.80 - 1.20)	dec. %			1.19	1.09	1.07	1.03	4	0	1.03	1.19	1.095	0.0680686

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard