

APPENDIX 4.2-A

Groundwater Quality Summary Tables

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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



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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	1.660	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



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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

Dewey-Burdock Project				Fall River Water Quality			Summary Statistics on Hydro ID Means					
Hydro ID				695	698	706	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Analyte	Units	Federal MCL	Secondary Standard	Mean*	Mean*	Mean*						
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	<0.1	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

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 R07090384 -005	11/27/2007 8:25:00 AM R07110303 -001	2/10/2008 2:55:00 PM R08020082 -001	4/29/2008 7:00:00 PM R08040364 -007						
Lab ID													
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	1.1	1.08	2	0	1.08	1.1	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	0.05	0.05	2	0	0.05	0.05	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	<0.0001	<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 R07090384	11/27/2007 8:25:00 AM R07110303	2/10/2008 2:55:00 PM R08020082	4/29/2008 7:00:00 PM R08040364						
Lab ID				-005	-001	-001	-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
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
Field Parameters								
Field Conductivity	umhos/cm			NM	1185	1490	1451	1496
Field Dissolved Oxygen	mg/L			NM	NM	3.41	5.02	NM
Field pH	s.u.	6.5-8.5		NM	7.39	8.32	8.05	8.07
Field Temperature	Deg C			9	13.11	13.31	6.78	13.3
Field Turbidity	NTUs			NM	NM	0.7	0.5	0.1
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM
Physical Properties								
Conductivity @ 25 C	umhos/cm			1530	1490	1440	1600	1650
Non-polar Materials (SGT-HEM)	mg/L			<5	NM	NM	NM	NM
Oxidation-Reduction Potential	mV			NM	NM	210	180	210
pH, Laboratory	s.u.	6.5-8.5		8.08	8.13	8.05	8.14	8.17
Sodium Adsorption Ratio (SAR)	unitless			NM	NM	10	10	9.7
Solids, Total Dissolved TDS @ 180 C	mg/L	500		1000	1000	1000	990	960
Major Ions								
Alkalinity, Total as CaCO3	mg/L			170	176	170	170	170
Bicarbonate as HCO3	mg/L			210	215	207	207	207
Calcium, Dissolved	mg/L			37	30 d	36	32.9	42.1
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5
Chloride	mg/L	250		13	12	12	11	11
Fluoride	mg/L	4	2	0.37	0.3	0.4	0.3	0.4
Magnesium, Dissolved	mg/L			16	11.5	15.3	14	18.2
Nitrogen, Ammonia as N	mg/L			0.4	0.3	0.4	0.3	0.3
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		NM	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			10	11	11.1	10.8	11
Silica	mg/L			NM	7.5	7.8	7.5	4.1
Silicon as SiO2	mg/L			7	NM	NM	NM	NM
Sodium, Dissolved	mg/L			270	237 d	289 d	276 d	300 d
Sulfate, Total	mg/L	250		546 d	586 d	567 d	583 d	514 d
Metals, Dissolved								
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.01	<0.001	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.001	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.01	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<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
Lead, Dissolved	mg/L			<0.01	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.03	0.03	0.03	0.03	0.03
Mercury, Dissolved	mg/L	0.002		NM	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.005	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.01	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.005	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			NM	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.001	<0.0003	<0.0003	<0.0003	<0.0003
Vanadium, Dissolved	mg/L			<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
Metals, Dissolved, Speciated								
Selenium-IV, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001
Metals, Suspended								
Uranium, Suspended	mg/L	0.03		NM	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total								
Antimony, Total	mg/L	0.006		NM	NM	NM	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	NM	<0.001	0.003 d
Barium, Total	mg/L	2		NM	NM	NM	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	NM	<0.001	<0.001
Boron, Total	mg/L			NM	NM	NM	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	NM	NM	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	NM	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	NM	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	NM	0.41	0.41
Lead, Total	mg/L			NM	NM	NM	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	NM	0.03	0.03
Mercury, Total	mg/L	0.002		<0.001	<0.0002	<0.001	<0.001	<0.0001
Molybdenum, Total	mg/L			NM	NM	NM	<0.01	<0.1
Nickel, Total	mg/L			NM	NM	NM	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	NM	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	NM	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	NM	1	1.1



POWERTECH (USA) INC.

Dewey-Burdock Hydro ID				7	7	7	7	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
Thallium, Total	mg/L	0.002		NM	NM	NM	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	NM	NM	<0.0003	<0.0003
Zinc, Total	mg/L		5	NM	NM	NM	<0.01	<0.01
Radionuclides, Dissolved								
Actinium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM
Americium 241, Dissolved	pCi/L			<20	NM	NM	NM	NM
Barium 133, Dissolved	pCi/L			<20	NM	NM	NM	NM
Bismuth 212, Dissolved	pCi/L			<20	NM	NM	NM	NM
Bismuth 214, Dissolved	pCi/L			300	NM	NM	NM	NM
Cesium 134, Dissolved	pCi/L			<20	NM	NM	NM	NM
Cesium 137, Dissolved	pCi/L			<20	NM	NM	NM	NM
Cobalt 60, Dissolved	pCi/L			<20	NM	NM	NM	NM
Gross Alpha, Dissolved	pCi/L	15		17	4.4	7.2	15.5	3.3 j
Gross Beta, Dissolved	pCi/L			16	5	14.9	10.1	9.6
Gross Gamma, Dissolved	pCi/L			<20	1200	130	77	0 j
Iodine 125, Dissolved	pCi/L			<20	NM	NM	NM	NM
Iodine 131, Dissolved	pCi/L			<20	NM	NM	NM	NM
Lead 210, Dissolved	pCi/L			NM	<1	<1	24	0.5 j
Lead 212, Dissolved	pCi/L			<20	NM	NM	NM	NM
Lead 214, Dissolved	pCi/L			350	NM	NM	NM	NM
Manganese 54, Dissolved	pCi/L			<20	NM	NM	NM	NM
Polonium 210, Dissolved	pCi/L			NM	<1	2.1	<1	0 j
Potassium 40, Dissolved	pCi/L			<20	NM	NM	NM	NM
Radium 223, Dissolved	pCi/L			<20	NM	NM	NM	NM
Radium 224, Dissolved	pCi/L			<20	NM	NM	NM	NM
Radium 226, Dissolved	pCi/L	5		2.6	0.6	1.1	0.7	0.9
Radium 226, Dissolved E901.1	pCi/L	5		300	NM	NM	NM	NM
Radium 228, Dissolved	pCi/L			<1	NM	NM	NM	NM
Radium 228, Dissolved E901.1	pCi/L			<20	NM	NM	NM	NM
Thallium 208, Dissolved	pCi/L			<20	NM	NM	NM	NM
Thorium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM
Thorium 230, Dissolved	pCi/L			NM	<0.2	<0.2	<0.2	0 j
Thorium 234, Dissolved	pCi/L			<20	NM	NM	NM	NM
Uranium 238, Dissolved	pCi/L			<20	NM	NM	NM	NM
Zinc 65, Dissolved	pCi/L			<20	NN	NN	NN	NN
Radionuclides, Suspended								
Lead 210, Suspended	pCi/L			NM	<1	<1	<1	-7.4 j
Polonium 210, Suspended	pCi/L			NM	<1	<1	<1	-0.1 j
Radium 226, Suspended	pCi/L	5		NM	<0.2	<0.2	<0.9	-0.3 j
Thorium 230, Suspended	pCi/L			NM	<0.2	<0.2	0.2	0.2 j
Radionuclides, Total								
Lead 210, Total	pCi/L			NM	<1	NM	NM	NM
Polonium 210, Total	pCi/L			NM	<1	NM	NM	NM
Radium 226, Total	pCi/L	5		NM	<0.2	NM	NM	NM
Radon 222, Total	pCi/L			NM	NM	206	242	451
Thorium 230, Total	pCi/L			NM	<0.2	NM	NM	NM
Data Quality Parameters								
A/C Balance (± 5)	%			NM	-3.73	1.13	-2.5	8.11
Anions	meq/l			NM	14.1	15.6	15.9	14.4
Cations	meq/l			NM	13	15.9	15.1	17
Solids, Total Dissolved Calculated	mg/L			NM	896	1040	1050	1010
TDS Balance (0.80 - 1.20)	dec. %			NM	1.16	0.98	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

Dewey-Burdock Hydro ID		Summary Statistics for Hydro ID 7					
Quarter Sampled							
Date and Time Collected							
Lab ID							
Analyte	Units	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters							
Field Conductivity	umhos/cm	4	0	1185	1496	1405.5	148.34756
Field Dissolved Oxygen	mg/L	2	0	3.41	5.02	4.215	1.1384419
Field pH	s.u.	4	0	7.39	8.32	7.9575	0.3977751
Field Temperature	Deg C	5	0	6.78	13.31	11.1	3.0346581
Field Turbidity	NTUs	3	0	0.1	0.7	0.43	0.305505
Water Level Elevation	ft AMSL	NM	NM	NM	NM	NM	NM
Physical Properties							
Conductivity @ 25 C	umhos/cm	5	0	1440	1650	1542	84.083292
Non-polar Materials (SGT-HEM)	mg/L	1	1	<5	<5	<5	---
Oxidation-Reduction Potential	mV	3	0	180	210	200	17.320508
pH, Laboratory	s.u.	5	0	8.05	8.17	8.114	0.0482701
Sodium Adsorption Ratio (SAR)	unitless	3	0	9.7	10	9.9	0.1732051
Solids, Total Dissolved TDS @ 180 C	mg/L	5	0	960	1000	990	17.320508
Major Ions							
Alkalinity, Total as CaCO3	mg/L	5	0	170	176	171.2	2.6832816
Bicarbonate as HCO3	mg/L	5	0	207	215	209.2	3.4928498
Calcium, Dissolved	mg/L	5	0	30	42.1	35.6	4.5557656
Carbonate as CO3	mg/L	5	5	<5	<5	<5	<5
Chloride	mg/L	5	0	11	13	11.8	0.83666
Fluoride	mg/L	5	0	0.3	0.4	0.354	0.0507937
Magnesium, Dissolved	mg/L	5	0	11.5	18.2	15	2.4789111
Nitrogen, Ammonia as N	mg/L	5	0	0.3	0.4	0.34	0.0547723
Nitrogen, Nitrate as N	mg/L	5	4	<0.1	0.1	0.06	0.0223607
Nitrogen, Nitrite as N	mg/L	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L	5	0	10	11.1	10.78	0.4494441
Silica	mg/L	4	0	4.1	7.8	6.725	1.755705
Silicon as SiO2	mg/L	1	0	7	7	7	---
Sodium, Dissolved	mg/L	5	0	237	300	274.4	23.922792
Sulfate, Total	mg/L	5	0	514	586	559.2	29.844598
Metals, Dissolved							
Aluminum, Dissolved	mg/L	5	5	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	5	5	<0.001	<0.01	<0.01	<0.01
Barium, Dissolved	mg/L	5	5	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L	5	5	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	5	5	<0.001	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	5	5	<0.01	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L	5	5	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L	5	5	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L	5	5	<0.001	<0.01	<0.01	<0.01
Manganese, Dissolved	mg/L	5	0	0.03	0.03	0.03	0
Mercury, Dissolved	mg/L	4	4	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L	5	5	<0.005	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L	5	5	<0.01	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	5	5	<0.001	<0.005	<0.005	<0.005
Silver, Dissolved	mg/L	5	5	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L	4	4	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	5	5	<0.0003	<0.001	<0.001	<0.001
Vanadium, Dissolved	mg/L	5	5	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L	5	5	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated							
Selenium-IV, Dissolved	mg/L	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended							
Uranium, Suspended	mg/L	4	4	<0.0003	<0.0003	<0.0003	<0.0003
Metals, Total							
Antimony, Total	mg/L	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	2	1	<0.001	0.003	0.00175	0.0017678
Barium, Total	mg/L	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L	2	2	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L	2	0	0.41	0.41	0.41	0
Lead, Total	mg/L	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L	2	0	0.03	0.03	0.03	0
Mercury, Total	mg/L	5	5	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L	2	0	1	1.1	1.05	0.0707107

Dewey-Burdock Hydro ID		Summary Statistics for Hydro ID 7					
Quarter Sampled							
Date and Time Collected							
Lab ID							
Analyte	Units	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Thallium, Total	mg/L	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	2	2	<0.0003	<0.0003	<0.0003	<0.0003
Zinc, Total	mg/L	2	2	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved							
Actinium 228, Dissolved	pCi/L	1	1	<20	<20	<20	---
Americium 241, Dissolved	pCi/L	1	1	<20	<20	<20	---
Barium 133, Dissolved	pCi/L	1	1	<20	<20	<20	---
Bismuth 212, Dissolved	pCi/L	1	1	<20	<20	<20	---
Bismuth 214, Dissolved	pCi/L	1	0	300	300	300	---
Cesium 134, Dissolved	pCi/L	1	1	<20	<20	<20	---
Cesium 137, Dissolved	pCi/L	1	1	<20	<20	<20	---
Cobalt 60, Dissolved	pCi/L	1	1	<20	<20	<20	---
Gross Alpha, Dissolved	pCi/L	5	0	3.3	17	9.48	6.3637253
Gross Beta, Dissolved	pCi/L	5	0	5	16	11.12	4.4415088
Gross Gamma, Dissolved	pCi/L	5	1	<20	1200	283.4	515.1095
Iodine 125, Dissolved	pCi/L	1	1	<20	<20	<20	---
Iodine 131, Dissolved	pCi/L	1	1	<20	<20	<20	---
Lead 210, Dissolved	pCi/L	4	2	<1	24	6.375	11.75
Lead 212, Dissolved	pCi/L	1	1	<20	<20	<20	---
Lead 214, Dissolved	pCi/L	1	0	350	350	350	---
Manganese 54, Dissolved	pCi/L	1	1	<20	<20	<20	---
Polonium 210, Dissolved	pCi/L	4	2	<1	2.1	0.775	0.9142392
Potassium 40, Dissolved	pCi/L	1	1	<20	<20	<20	---
Radium 223, Dissolved	pCi/L	1	1	<20	<20	<20	---
Radium 224, Dissolved	pCi/L	1	1	<20	<20	<20	---
Radium 226, Dissolved	pCi/L	5	0	0.6	2.6	1.18	0.8167007
Radium 226, Dissolved E901.1	pCi/L	1	0	300	300	300	---
Radium 228, Dissolved	pCi/L	1	1	<1	<1	<1	---
Radium 228, Dissolved E901.1	pCi/L	1	1	<20	<20	<20	---
Thallium 208, Dissolved	pCi/L	1	1	<20	<20	<20	---
Thorium 228, Dissolved	pCi/L	1	1	<20	<20	<20	---
Thorium 230, Dissolved	pCi/L	4	3	<0.2	0	0.075	0.05
Thorium 234, Dissolved	pCi/L	1	1	<20	<20	<20	---
Uranium 238, Dissolved	pCi/L	1	1	<20	<20	<20	---
Zinc 65, Dissolved	pCi/L	1	1	<20	<20	<20	---
Radionuclides, Suspended							
Lead 210, Suspended	pCi/L	4	3	<1	-7.4 j	-1.475	3.95
Polonium 210, Suspended	pCi/L	4	3	<1	-0.1 j	0.35	0.3
Radium 226, Suspended	pCi/L	4	3	<0.2	-0.3 j	0.0875	0.3065262
Thorium 230, Suspended	pCi/L	4	2	<0.2	0.2	0.15	0.057735
Radionuclides, Total							
Lead 210, Total	pCi/L	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L	1	1	<1	<1	<1	---
Radium 226, Total	pCi/L	1	1	<0.2	<0.2	<0.2	---
Radon 222, Total	pCi/L	3	0	206	451	300	132.28883
Thorium 230, Total	pCi/L	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters							
A/C Balance (± 5)	%	4	0	-3.73	8.11	0.7525	5.3212428
Anions	meq/l	4	0	14.1	15.9	15	0.8831761
Cations	meq/l	4	0	13	17	15.25	1.6901676
Solids, Total Dissolved Calculated	mg/L	4	0	896	1050	999	70.738957
TDS Balance (0.80 - 1.20)	dec. %	4	0	0.94	1.16	1.0075	0.1030776

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

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

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary St.



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 R07090384	11/27/2007 4:30:00 PM R07110303	12/20/2007 10:20:00 AM R08020052	5/29/2008 11:41:00 AM R08050419						
Lab ID				-003	-005	-001	-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	<0.001	4	4	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L			NM	NM	<0.1	<0.1	2	2	<0.1	<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



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 R07090384	11/27/2007 4:30:00 PM R07110303	2/5/2008 10:20:00 AM R08020052	5/29/2008 11:41:00 AM R08050419						
Lab ID				-003	-005	-001	-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				18	18	18	18	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
Field Parameters								
Field Conductivity	umhos/cm			NM	1157	1408	1446	1413
Field Dissolved Oxygen	mg/L			NM	0.86	1.76	NM	NM
Field pH	s.u.	6.5-8.5		NM	8.11	8.28	8.07	8.14
Field Temperature	Deg C			11	NM	12.58	12.02	12.26
Field Turbidity	NTUs			NM	NM	1.7	0.1	0.4
Water Level Elevation	ft AMSL			NM	NM	NM	NM	NM
Physical Properties								
Conductivity @ 25 C	umhos/cm			1430	1430	1360	1450	1470
Non-polar Materials (SGT-HEM)	mg/L			<5	NM	NM	NM	NM
Oxidation-Reduction Potential	mV			NM	NM	80	130	200
pH, Laboratory	s.u.	6.5-8.5		8.11	8.09	8.02	8.11	8.1
Sodium Adsorption Ratio (SAR)	unitless			NM	NM	11	10	10
Solids, Total Dissolved TDS @ 180 C	mg/L	500		950	990	960	960	940
Major Ions								
Alkalinity, Total as CaCO3	mg/L			180	184	176	180	180
Bicarbonate as HCO3	mg/L			220	224	215	219	219
Calcium, Dissolved	mg/L			34	31.8	33	34	38
Carbonate as CO3	mg/L			<5	<5	<5	<5	<5
Chloride	mg/L	250		14	13	13	14	12
Fluoride	mg/L	4	2	0.38	0.4	0.4	0.5	0.4
Magnesium, Dissolved	mg/L			12	11.3	11.6	12.2	13.4
Nitrogen, Ammonia as N	mg/L			0.2	0.2	0.2	0.2	0.1
Nitrogen, Nitrate as N	mg/L	10		<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		NM	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			7	7.2	7	7.3	6.9
Silica	mg/L			NM	7.5	7.3	7.8	4.2
Silicon as SiO2	mg/L			7	NM	NM	NM	NM
Sodium, Dissolved	mg/L			260	278 d	280 d	270 d	291 d
Sulfate, Total	mg/L	250		481 d	513 d	534 d	537	492 d
Metals, Dissolved								
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		<0.01	0.002	<0.01	0.001	0.001
Barium, Dissolved	mg/L	2		<0.1	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.001	<0.01	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.01	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<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
Lead, Dissolved	mg/L			<0.01	<0.05	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.06	0.06	0.06	0.07	0.06
Mercury, Dissolved	mg/L	0.002		NM	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.005	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			0.03	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.005	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	<0.01	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			NM	<0.001	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		0.007	0.0061	0.0066	0.0066	0.0059
Vanadium, Dissolved	mg/L			<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
Metals, Dissolved, Speciated								
Selenium-IV, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			NM	NM	<0.001	<0.001	<0.001
Metals, Suspended								
Uranium, Suspended	mg/L	0.03		NM	0.0017	<0.0003	<0.0003	<0.0003
Metals, Total								
Antimony, Total	mg/L	0.006		NM	NM	NM	<0.003	<0.003
Arsenic, Total	mg/L	0.01		NM	NM	NM	0.002	0.003 d
Barium, Total	mg/L	2		NM	NM	NM	<0.1	<0.1
Beryllium, Total	mg/L	0.004		NM	NM	NM	<0.001	<0.001
Boron, Total	mg/L			NM	NM	NM	<0.1	<0.1
Cadmium, Total	mg/L	0.005		NM	NM	NM	<0.005	<0.005
Chromium, Total	mg/L	0.1		NM	NM	NM	<0.05	<0.05
Copper, Total	mg/L		1	NM	NM	NM	<0.01	<0.01
Iron, Total	mg/L		0.3	NM	NM	NM	1.04	1.11
Lead, Total	mg/L			NM	NM	NM	<0.001	<0.001
Manganese, Total	mg/L		0.05	NM	NM	NM	0.06	0.06
Mercury, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.0001
Molybdenum, Total	mg/L			NM	NM	NM	<0.01	<0.1
Nickel, Total	mg/L			NM	NM	NM	<0.05	<0.05
Selenium, Total	mg/L	0.05		NM	NM	NM	<0.001	<0.001
Silver, Total	mg/L		0.1	NM	NM	NM	<0.005	<0.005
Strontium, Total	mg/L			NM	NM	NM	0.6	0.7



Dewey-Burdock Hydro ID				18	18	18	18	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
Thallium, Total	mg/L	0.002		NM	NM	NM	<0.001	<0.001
Uranium, Total	mg/L	0.03		NM	0.008	NM	0.0062 d	0.0062
Zinc, Total	mg/L		5	NM	NM	NM	<0.01	<0.01
Radionuclides, Dissolved								
Actinium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM
Americium 241, Dissolved	pCi/L			<20	NM	NM	NM	NM
Barium 133, Dissolved	pCi/L			<20	NM	NM	NM	NM
Bismuth 212, Dissolved	pCi/L			<20	NM	NM	NM	NM
Bismuth 214, Dissolved	pCi/L			<20	NM	NM	NM	NM
Cesium 134, Dissolved	pCi/L			<20	NM	NM	NM	NM
Cesium 137, Dissolved	pCi/L			<20	NM	NM	NM	NM
Cobalt 60, Dissolved	pCi/L			<20	NM	NM	NM	NM
Gross Alpha, Dissolved	pCi/L	15		37	15.7	18.9	31.7	27.5
Gross Beta, Dissolved	pCi/L			14	6.7	12.1	13	4.8
Gross Gamma, Dissolved	pCi/L			<20	510	370	190	0 j
Iodine 125, Dissolved	pCi/L			<20	NM	NM	NM	NM
Iodine 131, Dissolved	pCi/L			<20	NM	NM	NM	NM
Lead 210, Dissolved	pCi/L			NM	<1	4.6	<1	-1 j
Lead 212, Dissolved	pCi/L			<20	NM	NM	NM	NM
Lead 214, Dissolved	pCi/L			<20	NM	NM	NM	NM
Manganese 54, Dissolved	pCi/L			<20	NM	NM	NM	NM
Polonium 210, Dissolved	pCi/L			NM	<1	<1	2.2	0 j
Potassium 40, Dissolved	pCi/L			<20	NM	NM	NM	NM
Radium 223, Dissolved	pCi/L			<20	NM	NM	NM	NM
Radium 224, Dissolved	pCi/L			<20	NM	NM	NM	NM
Radium 226, Dissolved	pCi/L	5		5.8	<0.2	3.2	3.2	2.6
Radium 226, Dissolved E901.1	pCi/L	5		<20	NM	NM	NM	NM
Radium 228, Dissolved	pCi/L			2.3	NM	NM	NM	NM
Radium 228, Dissolved E901.1	pCi/L			<20	NM	NM	NM	NM
Thallium 208, Dissolved	pCi/L			<20	NM	NM	NM	NM
Thorium 228, Dissolved	pCi/L			<20	NM	NM	NM	NM
Thorium 230, Dissolved	pCi/L			NM	<0.2	<0.2	0.2	0 j
Thorium 234, Dissolved	pCi/L			<20	NM	NM	NM	NM
Uranium 238, Dissolved	pCi/L			<20	NM	NM	NM	NM
Zinc 65, Dissolved	pCi/L			<20	NM	NM	NM	NM
Radionuclides, Suspended								
Lead 210, Suspended	pCi/L			NM	<1	<1	<1	29.6
Polonium 210, Suspended	pCi/L			NM	6	<1	<1	1.7
Radium 226, Suspended	pCi/L	5		NM	4	<0.2	1.1	1.1
Thorium 230, Suspended	pCi/L			NM	<0.2	<0.2	<0.2	0.1 j
Radionuclides, Total								
Lead 210, Total	pCi/L			NM	<1	NM	NM	NM
Polonium 210, Total	pCi/L			NM	6	NM	NM	NM
Radium 226, Total	pCi/L	5		NM	4	NM	NM	NM
Radon 222, Total	pCi/L			762	NM	945	1220 h	1210
Thorium 230, Total	pCi/L			NM	<0.2	NM	NM	NM
Data Quality Parameters								
A/C Balance (± 5)	%			NM	0.211	-0.239	-1.77	5.45
Anions	meq/l			NM	14.7	15	15.2	14.2
Cations	meq/l			NM	14.8	15	14.7	15.8
Solids, Total Dissolved Calculated	mg/L			NM	965	994	1000	973
TDS Balance (0.80 - 1.20)	dec. %			NM	1.03	0.97	0.96	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

Dewey-Burdock Hydro ID		Summary Statistics for Hydro ID 18					
Quarter Sampled							
Date and Time Collected							
Lab ID							
Analyte	Units	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Field Parameters							
Field Conductivity	umhos/cm	4	0	1157	1446	1356	133.73357
Field Dissolved Oxygen	mg/L	2	0	0.86	1.76	1.31	0.6363961
Field pH	s.u.	4	0	8.07	8.28	8.15	0.0912871
Field Temperature	Deg C	4	0	11	12.58	11.965	0.6830081
Field Turbidity	NTUs	3	0	0.1	1.7	0.73	0.8504901
Water Level Elevation	ft AMSL	NM	NM	NM	NM	NM	NM
Physical Properties							
Conductivity @ 25 C	umhos/cm	5	0	1360	1470	1428	41.472883
Non-polar Materials (SGT-HEM)	mg/L	1	1	<5	<5	<5	---
Oxidation-Reduction Potential	mV	3	0	80	200	137	60.277138
pH, Laboratory	s.u.	5	0	8.02	8.11	8.086	0.0378153
Sodium Adsorption Ratio (SAR)	unitless	3	0	10	11	10.3	0.5773503
Solids, Total Dissolved TDS @ 180 C	mg/L	5	0	940	990	960	18.708287
Major Ions							
Alkalinity, Total as CaCO3	mg/L	5	0	176	184	180	2.8284271
Bicarbonate as HCO3	mg/L	5	0	215	224	219.4	3.2093613
Calcium, Dissolved	mg/L	5	0	31.8	38	34.16	2.3298069
Carbonate as CO3	mg/L	5	5	<5	<5	<5	<5
Chloride	mg/L	5	0	12	14	13.2	0.83666
Fluoride	mg/L	5	0	0.38	0.5	0.416	0.0477493
Magnesium, Dissolved	mg/L	5	0	11.3	13.4	12.1	0.8062258
Nitrogen, Ammonia as N	mg/L	5	0	0.1	0.2	0.18	0.0447214
Nitrogen, Nitrate as N	mg/L	5	5	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	4	4	<0.1	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L	5	0	6.9	7.3	7.08	0.1643168
Silica	mg/L	4	0	4.2	7.8	6.7	1.6792856
Silicon as SiO2	mg/L	1	0	7	7	7	---
Sodium, Dissolved	mg/L	5	0	260	291	275.8	11.584472
Sulfate, Total	mg/L	5	0	481	537	511.4	24.845523
Metals, Dissolved							
Aluminum, Dissolved	mg/L	5	5	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	5	1	<0.01	0.002	0.002	0.0017321
Barium, Dissolved	mg/L	5	5	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L	5	5	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	5	5	<0.001	<0.01	<0.01	<0.01
Chromium, Dissolved	mg/L	5	5	<0.01	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L	5	5	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L	5	5	<0.03	<0.03	<0.03	<0.03
Lead, Dissolved	mg/L	5	5	<0.001	<0.05	<0.05	<0.05
Manganese, Dissolved	mg/L	5	0	0.06	0.07	0.062	0.0044721
Mercury, Dissolved	mg/L	4	4	<0.0002	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L	5	5	<0.005	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L	5	4	<0.05	0.03	0.026	0.0022361
Selenium, Dissolved	mg/L	5	5	<0.001	<0.005	<0.005	<0.005
Silver, Dissolved	mg/L	5	5	<0.005	<0.01	<0.01	<0.01
Thorium 232, Dissolved	mg/L	4	4	<0.001	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	5	0	0.0059	0.007	0.00644	0.0004393
Vanadium, Dissolved	mg/L	5	5	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L	5	5	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated							
Selenium-IV, Dissolved	mg/L	3	3	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L	3	3	<0.001	<0.001	<0.001	<0.001
Metals, Suspended							
Uranium, Suspended	mg/L	4	3	<0.0003	0.0017	0.0005	0.000775
Metals, Total							
Antimony, Total	mg/L	2	2	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	2	0	0.002	0.003	0.0025	0.0007071
Barium, Total	mg/L	2	2	<0.1	<0.1	<0.1	<0.1
Beryllium, Total	mg/L	2	2	<0.001	<0.001	<0.001	<0.001
Boron, Total	mg/L	2	2	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	mg/L	2	2	<0.005	<0.005	<0.005	<0.005
Chromium, Total	mg/L	2	2	<0.05	<0.05	<0.05	<0.05
Copper, Total	mg/L	2	2	<0.01	<0.01	<0.01	<0.01
Iron, Total	mg/L	2	0	1.04	1.11	1.075	0.0494975
Lead, Total	mg/L	2	2	<0.001	<0.001	<0.001	<0.001
Manganese, Total	mg/L	2	0	0.06	0.06	0.06	0
Mercury, Total	mg/L	5	5	<0.0001	<0.001	<0.001	<0.001
Molybdenum, Total	mg/L	2	2	<0.01	<0.1	<0.1	<0.1
Nickel, Total	mg/L	2	2	<0.05	<0.05	<0.05	<0.05
Selenium, Total	mg/L	2	2	<0.001	<0.001	<0.001	<0.001
Silver, Total	mg/L	2	2	<0.005	<0.005	<0.005	<0.005
Strontium, Total	mg/L	2	0	0.6	0.7	0.65	0.0707107



POWERTECH (USA) INC.

Dewey-Burdock Hydro ID		Summary Statistics for Hydro ID 18					
Quarter Sampled							
Date and Time Collected							
Lab ID							
Analyte	Units	n	n (non-detect)	Minimum	Maximum	Mean*	StDev*
Thallium, Total	mg/L	2	2	<0.001	<0.001	<0.001	<0.001
Uranium, Total	mg/L	3	0	0.0062	0.008	0.0068	0.0010392
Zinc, Total	mg/L	2	2	<0.01	<0.01	<0.01	<0.01
Radionuclides, Dissolved							
Actinium 228, Dissolved	pCi/L	1	1	<20	<20	<20	---
Americium 241, Dissolved	pCi/L	1	1	<20	<20	<20	---
Barium 133, Dissolved	pCi/L	1	1	<20	<20	<20	---
Bismuth 212, Dissolved	pCi/L	1	1	<20	<20	<20	---
Bismuth 214, Dissolved	pCi/L	1	1	<20	<20	<20	---
Cesium 134, Dissolved	pCi/L	1	1	<20	<20	<20	---
Cesium 137, Dissolved	pCi/L	1	1	<20	<20	<20	---
Cobalt 60, Dissolved	pCi/L	1	1	<20	<20	<20	---
Gross Alpha, Dissolved	pCi/L	5	0	15.7	37	26.16	8.8333459
Gross Beta, Dissolved	pCi/L	5	0	4.8	14	10.12	4.1008536
Gross Gamma, Dissolved	pCi/L	5	1	<20	510	216	223.56207
Iodine 125, Dissolved	pCi/L	1	1	<20	<20	<20	---
Iodine 131, Dissolved	pCi/L	1	1	<20	<20	<20	---
Lead 210, Dissolved	pCi/L	4	2	<1	4.6	1.15	2.4062419
Lead 212, Dissolved	pCi/L	1	1	<20	<20	<20	---
Lead 214, Dissolved	pCi/L	1	1	<20	<20	<20	---
Manganese 54, Dissolved	pCi/L	1	1	<20	<20	<20	---
Polonium 210, Dissolved	pCi/L	4	2	<1	2.2	0.8	0.9626353
Potassium 40, Dissolved	pCi/L	1	1	<20	<20	<20	---
Radium 223, Dissolved	pCi/L	1	1	<20	<20	<20	---
Radium 224, Dissolved	pCi/L	1	1	<20	<20	<20	---
Radium 226, Dissolved	pCi/L	5	1	<0.2	5.8	2.98	2.0302709
Radium 226, Dissolved E901.1	pCi/L	1	1	<20	<20	<20	---
Radium 228, Dissolved	pCi/L	1	0	2.3	2.3	2.3	---
Radium 228, Dissolved E901.1	pCi/L	1	1	<20	<20	<20	---
Thallium 208, Dissolved	pCi/L	1	1	<20	<20	<20	---
Thorium 228, Dissolved	pCi/L	1	1	<20	<20	<20	---
Thorium 230, Dissolved	pCi/L	4	2	<0.2	0.2	0.1	0.0816497
Thorium 234, Dissolved	pCi/L	1	1	<20	<20	<20	---
Uranium 238, Dissolved	pCi/L	1	1	<20	<20	<20	---
Zinc 65, Dissolved	pCi/L	1	1	<20	<20	<20	---
Radionuclides, Suspended							
Lead 210, Suspended	pCi/L	4	3	<1	29.6	7.775	14.55
Polonium 210, Suspended	pCi/L	4	2	<1	6	2.175	2.6119916
Radium 226, Suspended	pCi/L	4	1	<0.2	4	1.575	1.6839933
Thorium 230, Suspended	pCi/L	4	3	<0.2	0.1	0.1	0
Radionuclides, Total							
Lead 210, Total	pCi/L	1	1	<1	<1	<1	---
Polonium 210, Total	pCi/L	1	0	6	6	6	---
Radium 226, Total	pCi/L	1	0	4	4	4	---
Radon 222, Total	pCi/L	4	0	762	1220	1034.25	221.7181
Thorium 230, Total	pCi/L	1	1	<0.2	<0.2	<0.2	---
Data Quality Parameters							
A/C Balance (± 5)	%	4	0	-1.77	5.45	0.913	3.1412718
Anions	meq/l	4	0	14.2	15.2	14.775	0.4349329
Cations	meq/l	4	0	14.7	15.8	15.075	0.499166
Solids, Total Dissolved Calculated	mg/L	4	0	965	1000	983	16.673332
TDS Balance (0.80 - 1.20)	dec. %	4	0	0.96	1.03	0.98	0.033665

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

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

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary St.



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 R07100002	11/14/2007 10:59:00 AM R07110184	2/20/2008 6:30:00 PM R08020220	5/29/2008 3:02:00 PM R08050419						
Lab ID				-001	-001	-005	-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	<0.1	<0.1	2	2	<0.1	<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	0.34	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 R07090384	11/14/2007 3:20:00 PM R07110184	2/20/2008 1:55:00 PM R08020220	5/19/2008 11:06:00 AM R08050251						
Lab ID				-004	-004	-003	-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				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 R07100002	11/27/2007 12:20:00 PM R07110303	2/5/2008 4:57:00 PM R08020052	4/29/2008 12:27:00 PM R08040364						
Lab ID				-005	-002	-007	-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	<0.1	<0.1	2	2	<0.1	<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	<0.0001	<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 R07100002	11/27/2007 3:20:00 PM R07110303	2/5/2008 1:39:00 PM R08020052	4/29/2008 3:14:00 PM R08040364						
Lab ID				-004	-004	-003	-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 A31128	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

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				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				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



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



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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	R08100014	R08100295	R08110211	R08120281	R09010301
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



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	<0.01	<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 l	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



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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				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	<5.5	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 R08040002	4/22/2008 12:46:00 PM R08040287	5/21/2008 2:45:00 PM R08050321	6/24/2008 5:30:00 PM R08060427	7/14/2008 1:42:00 PM R08070244	8/20/2008 2:20:00 PM R08080332	9/23/2008 11:00:00 AM R08090356	10/21/2008 9:10:00 AM R08100295
Lab ID				-003	-001	-003	-004	-003	-005	-008	-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 R08040002	4/22/2008 12:46:00 PM R08040287	5/21/2008 2:45:00 PM R08050321	6/24/2008 5:30:00 PM R08060427	7/14/2008 1:42:00 PM R08070244	8/20/2008 2:20:00 PM R08080332	9/23/2008 11:00:00 AM R08090356	10/21/2008 9:10:00 AM R08100295
Lab ID				-003	-001	-003	-004	-003	-005	-008	-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

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	<0.1	<0.01	<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				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 R08030315	4/22/2008 11:30:00 AM R08040287	5/28/2008 12:35:00 PM R08050406	6/24/2008 11:55:00 AM R08060427	7/14/2008 6:43:00 PM R08070244	8/19/2008 5:35:00 PM R08080301	9/22/2008 1:05:00 PM R08090314	10/20/2008 1:52:00 PM R08100295
Lab ID				-002	-004	-001	-001	-010	-003	-003	-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

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				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 R10010180	2/22/2010 12:00:00 AM R10020266	3/15/2010 12:00:00 AM R10030205	4/21/2010 12:00:00 AM R10040303	5/17/2010 12:00:00 AM R10050253	6/22/2010 12:00:00 AM R10060444	7/27/2010 12:00:00 AM R10070459	8/23/2010 12:00:00 AM R10080398
Lab ID				-002	-002	-003	-002	-002	-002	-002	-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

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