

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



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



Table with columns: Dewey-Burdock Project, Hydro ID, Analyte, Units, Federal MCL, Secondary Standard, and 10 sampling points (5, 7, 8, 18, 628, 631, 681, 688, 694) under the heading 'Fall River Water Quality'. Rows include Field Parameters, Physical Properties, Major Ions, Metals, Dissolved, Metals, Suspended, and Metals, Total.



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

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

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

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard



Dewey-Burdock Hydro ID				7	7	7	7	7
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



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	<0.001	<0.001	<0.001
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:



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

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

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

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard



Dewey-Burdock Hydro ID				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	0.001	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	<0.01	<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

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:

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



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



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



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

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

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

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard



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



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

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

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

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard



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*
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



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	
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	0.09	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	<0.0001	<0.0001	<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	<0.1	<0.1	<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



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	R08030315	R08040250	R08050143	R08050229	R08060452		
Analyte	Units	Federal MCL	Secondary Standard	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



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	
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



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	
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



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



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	
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



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	0.006	0.004	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	1.3	1.3
Thallium, Total	mg/L	0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001



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

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

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

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard



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		2	0.6	13	0	0.4	0.6	0.5153846	0.0800641
Magnesium, Dissolved	mg/L			21.4	13	0	13.6	21.8	19.884615	2.3215821
Nitrogen, Ammonia as N	mg/L			0.2	13	0	0.1	0.7	0.2461538	0.1808101
Nitrogen, Nitrate as N	mg/L	10		<0.1	13	13	<0.05	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N	mg/L	1		<0.1	13	13	<0.05	<0.1	<0.1	<0.1
Potassium, Dissolved	mg/L			12.1	13	0	12	16.8	13.030769	1.541852
Silica	mg/L			7.5	13	0	1.9	75.3	11.184615	19.414721
Sodium, Dissolved	mg/L			181	13	0	177	203	191.84615	7.7119621
Sulfate, Total	mg/L		250	460 d	13	0	390	460	425.38462	20.258901
Metals, Dissolved										
Aluminum, Dissolved	mg/L		0.05-0.2	<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Arsenic, Dissolved	mg/L	0.01		0.002	13	1	<0.001	0.002	0.0014231	0.0005718
Barium, Dissolved	mg/L	2		<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Boron, Dissolved	mg/L			<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Cadmium, Dissolved	mg/L	0.005		<0.005	13	13	<0.005	<0.005	<0.005	<0.005
Chromium, Dissolved	mg/L	0.1		<0.05	13	13	<0.05	<0.05	<0.05	<0.05
Copper, Dissolved	mg/L		1	<0.01	13	13	<0.01	<0.01	<0.01	<0.01
Iron, Dissolved	mg/L		0.3	0.03	13	5	<0.03	0.05	0.0296154	0.0136109
Lead, Dissolved	mg/L			<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Manganese, Dissolved	mg/L		0.05	0.06	13	1	<0.01	0.06	0.0442308	0.0184669
Mercury, Dissolved	mg/L	0.002		<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Molybdenum, Dissolved	mg/L			<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Nickel, Dissolved	mg/L			<0.05	13	13	<0.05	<0.05	<0.05	<0.05
Selenium, Dissolved	mg/L	0.05		<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Silver, Dissolved	mg/L		0.1	<0.005	13	13	<0.005	<0.005	<0.005	<0.005
Thorium 232, Dissolved	mg/L			<0.005	13	13	<0.005	<0.005	<0.005	<0.005
Uranium, Dissolved	mg/L	0.03		<0.0003	13	13	<0.0003	<0.0003	<0.0003	<0.0003
Vanadium, Dissolved	mg/L			<0.1	13	13	<0.1	<0.1	<0.1	<0.1
Zinc, Dissolved	mg/L		5	<0.01	13	13	<0.01	<0.01	<0.01	<0.01
Metals, Dissolved, Speciated										
Selenium-IV, Dissolved	mg/L			<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Selenium-VI, Dissolved	mg/L			<0.001	13	13	<0.001	<0.001	<0.001	<0.001
Metals, Suspended										
Uranium, Suspended	mg/L	0.03		<0.0003	13	12	<0.0003	0.0147	0.0013115	0.0040241
Metals, Total										
Antimony, Total	mg/L	0.006		<0.003	13	13	<0.003	<0.003	<0.003	<0.003
Arsenic, Total	mg/L	0.01		0.003 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



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



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	0.06	0.07	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



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



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



Dewey-Burdock Hydro ID				695	695	695	695	695	695	695	695
Month Sampled				Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Date and Time Collected				3/31/2008 4:31:00 PM	4/22/2008 12:46:00 PM	5/21/2008 2:45:00 PM	6/24/2008 5:30:00 PM	7/14/2008 1:42:00 PM	8/20/2008 2:20:00 PM	9/23/2008 11:00:00 AM	10/21/2008 9:10:00 AM
Lab ID				R08040002 -003	R08050287 -001	R08050321 -003	R08060427 -004	R08070244 -003	R08080332 -005	R08090356 -008	R08100295 -012
Analyte	Units	Federal MCL	Secondary Standard	Result	Result	Result	Result	Result	Result	Result	Result
Zinc, Total	mg/L		5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Radionuclides, Dissolved											
Gross Alpha, Dissolved	pCi/L	15		52.2	29.4	25.6	39.7	28.2	21.6	15.9	27.8
Gross Beta, Dissolved	pCi/L			16.1	6	8	11	7.7	8.5	1.8 j	11.6
Gross Gamma, Dissolved	pCi/L			0 j	0 j	140	0 j	0 j	450	0 j	1100
Lead 210, Dissolved	pCi/L			-12.4 j	-1.8 j	3.1 j	0.7 j	-2 j	-1 j	1.5 j	-0.4 j
Polonium 210, Dissolved	pCi/L			1.1	1.6	-0.3 j	0.1 j	-0.1 j	-0.2 j	0 j	0 j
Radium 226, Dissolved	pCi/L	5		6.3	5	3.7	5.2	4.7	3.9	5.9	4
Thorium 230, Dissolved	pCi/L			0 j	0 j	0 j	0 j	0 j	0 j	0 j	0.1 j
Radionuclides, Suspended											
Lead 210, Suspended	pCi/L			0 j	-2.1 j	-0.7 j	2.9 j	-5 j	-6 j	4.4 j	-1 j
Polonium 210, Suspended	pCi/L			0.6 j	0.4 j	-0.2 j	0 j	0.2 j	0.1 j	0 j	0 j
Radium 226, Suspended	pCi/L	5		0.6	-0.4 j	-0.2 j	-0.1 j	-0.4 j	-0.005 j	-0.06 j	-0.3 j
Thorium 230, Suspended	pCi/L			0.1 j	0.3	0 j	0 j	0 j	0 j	0.3	0 j
Radionuclides, Total											
Radon 222, Total	pCi/L			1400	1400	2090	2120	1490	1950	1820	1860
Data Quality Parameters											
A/C Balance (± 5)	%			1.52	2.68	1.68	7.98	1.44	7.38	-2.1	4.33
Anions	meq/l			13.9	14.3	15	13	15	13.5	14.5	13.8
Cations	meq/l			14.3	15.1	15.5	15.3	15.4	15.6	13.9	15
Solids, Total Dissolved Calculated	mg/L			925	957	996	901	991	931	931	942
TDS Balance (0.80 - 1.20)	dec. %			0.94	0.96	0.92	1.02	0.96	0.97	0.95	1.15

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

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

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard



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 R08110211	12/17/2008 3:10:00 PM R08120255	1/20/2009 12:15:00 PM R09010301	2/24/2009 4:56:00 PM R09020293						
Lab ID				-009	-010	-005	-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



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*
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



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



POWERTECH (USA) INC.

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

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

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

Analyte concentration exceeds the standard for:

	Federal MCL
	Secondary Standard



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	R10100355	R10110179	R10120179						
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