

SUMMARY OF SURFACE WATER WATER QUALITY PARAMETERS
JEFFERSON PROVING GROUND
MADISON, INDIANA

Quarterly Event	Stream Survey ID	Sample ID	Water Quality Parameters					
			Temperature (°C)	pH (S.U.)	Conductivity (mS/cm)	Redox (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
April 2008	BC-CA-03	JP-W-01	10.43	5.84	0.208	239	11.27	34.9
	BC-CA-06	JP-W-02	12.09	5.75	0.346	182	14.10	55.6
	BC-CA-09A	JP-W-03	13.39	7.14	0.263	203	13.49	77.3
	BC-SD-03	JP-W-04	20.12	6.05	0.316	236	8.67	26.1
	BC-TB-02	JP-W-05	15.04	5.88	0.331	200	13.90	49.8
	BC-CA-07	JP-W-06	12.41	5.96	0.290	286	12.41	45.2
	BC-SD-08	JP-W-07	23.70	6.43	0.285	261	10.18	44.4
	BC-SE-04	JP-W-08	13.47	7.01	0.241	191	13.00	190
	JPG-BC-11	JP-W-09	13.01	6.10	0.326	279	13.06	58.4
	JPG-DU-12	JP-W-10	13.04	6.31	0.289	288	11.79	59.7
	BC-SD-07	JP-W-11	23.01	6.08	0.303	221	11.48	55.7
	BC-SD-06	JP-W-12	16.49	6.43	0.471	143	9.99	17.1
	BC-SD-09	JP-W-13	17.60	5.99	0.335	262	8.07	4.1
	BC-TB-04	JP-W-14	20.06	6.04	0.253	209	10.50	83.0
	TBC-SD-01	JP-W-15	22.51	6.38	0.146	258	9.56	55.1
	TBC-SD-08	JP-W-16	18.21	5.25	0.185	232	8.45	31.4
	MF-SD-01	JP-W-17	21.99	6.24	0.167	283	11.26	16.3
	MF-SD-06L	JP-W-18	21.48	6.07	0.220	285	11.55	14.3
	MF-SD-09	JP-W-19	23.20	6.64	0.331	223	10.40	46.9
	MF-CA-01	JP-W-20	12.35	5.82	0.224	299	12.45	49.3

Notes:

S.U.-Standard Units

mS/cm-millisiemens per centimeter

mV-millivolts

mg/L-milligrams per Liter

NTU-nephelometric turbidity units

**SUMMARY OF SURFACE WATER WATER QUALITY PARAMETERS
JEFFERSON PROVING GROUND
MADISON, INDIANA**

Quarterly Event	Stream Survey ID	Sample ID	Water Quality Parameters					
			Temperature (°C)	pH (S.U.)	Conductivity (mS/cm)	Redox (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
July 2008	BC-CA-03	JP-W-24	21.55	7.02	0.346	292	6.71	0.0
	BC-CA-06	JP-W-25	22.23	6.95	0.352	245	7.71	0.0
	BC-CA-09A	JP-W-27	21.90	6.47	0.366	304	4.58	5.4
	BC-SD-03	JP-W-04	21.66	6.58	0.402	202	6.18	0.6
	BC-TB-02	JP-W-05	21.39	6.71	0.485	168	7.47	19.4
	BC-CA-07	JP-W-26	22.75	6.67	0.305	265	8.33	0.0
	BC-SD-08	JP-W-07	29.14	7.07	0.409	249	10.81	23.1
	BC-SE-04	JP-W-22	23.43	6.72	0.364	290	6.28	9.7
	JPG-BC-11	JP-W-09	18.01	6.42	0.484	237	10.29	28.7
	JPG-DU-12	JP-W-10	21.00	6.44	0.420	238	10.75	349
	BC-SD-07	JP-W-11	26.29	6.59	0.390	200	6.71	4.3
	BC-SD-06	JP-W-12	22.53	7.00	0.328	301	5.78	5.3
	BC-SD-09	JP-W-13	33.66	7.50	0.418	225	9.75	28.0
	BC-TB-04	JP-W-21	25.20	6.98	0.391	289	8.91	19.4
	TBC-SD-01	JP-W-15	33.84	7.37	0.317	280	10.41	8.1
	TBC-SD-08	JP-W-16	NM	NM	NM	NM	NM	NM
	MF-SD-01	JP-W-17	35.98	7.03	0.386	182	9.33	9.5
	MF-SD-06L	JP-W-28	24.80	6.79	0.386	286	5.10	24.8
	MF-SD-09	JP-W-19	27.26	7.06	0.441	299	6.63	5.4
	MF-CA-01	JP-W-23	21.36	6.24	0.521	178	6.62	0.0

Notes:

S.U.-Standard Units

mS/cm-millisiemens per centimeter

mV-millivolts

mg/L-milligrams per Liter

NTU-nephelometric turbidity units

NM-Water quality parameters not collected because primary sample location was dry and a representative alternate was not located.

SUMMARY OF SURFACE WATER WATER QUALITY PARAMETERS
JEFFERSON PROVING GROUND
MADISON, INDIANA

Quarterly Event	Stream Survey ID	Sample ID	Water Quality Parameters					
			Temperature (°C)	pH (S.U.)	Conductivity (mS/cm)	Redox (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
October 2008	BC-CA-03	JP-W-24	15.80	5.98	0.398	363	7.73	0.9
	BC-CA-06	JP-W-02	NM	NM	NM	NM	NM	NM
	BC-CA-09A	JP-W-27	12.40	6.02	0.384	238	4.26	1.1
	BC-SD-03	JP-W-04	9.3	5.95	0.393	200	4.01	4.4
	BC-TB-02	JP-W-05	10.7	6.70	0.528	216	6.51	4.1
	BC-CA-07	JP-W-26	11.2	6.91	0.405	172	2.40	0.0
	BC-SD-08	JP-W-07	23.80	6.57	0.379	270	8.18	0.0
	BC-SE-04	JP-W-22	16.9	6.46	0.354	267	6.10	7.4
	JPG-BC-11	JP-W-09	16.0	6.31	0.411	265	6.01	11.9
	JPG-DU-12	JP-W-10	NM	NM	NM	NM	NM	NM
	BC-SD-07	JP-W-11	17.9	6.99	0.261	252	8.19	4.1
	BC-SD-06	JP-W-12	13.6	6.35	0.386	165	4.03	3.5
	BC-SD-09	JP-W-13	12.10	5.95	0.291	180	7.83	17.9
	BC-TB-04	JP-W-21	10.40	6.65	0.425	149	6.41	0.0
	TBC-SD-01	JP-W-15	21.00	6.82	0.366	270	6.81	0.0
	TBC-SD-08	JP-W-16	NM	NM	NM	NM	NM	NM
	MF-SD-01	JP-W-17	NM	NM	NM	NM	NM	NM
	MF-SD-06L	JP-W-28	16.90	6.41	0.269	317	7.13	2.6
	MF-SD-09	JP-W-19	17.20	6.08	0.453	321	6.00	0.0
	MF-CA-01	JP-W-23	8.1	6.11	0.504	89	3.79	0.0

Notes:

S.U.-Standard Units

mS/cm-millisiemens per centimeter

mV-millivolts

mg/L-milligrams per Liter

NTU-nephelometric turbidity units

NM-Water quality parameters not collected because primary sample location was dry and a representative alternate was not located.

**SUMMARY OF SURFACE WATER WATER QUALITY PARAMETERS
JEFFERSON PROVING GROUND
MADISON, INDIANA**

Quarterly Event	Stream Survey ID	Sample ID	Water Quality Parameters					
			Temperature (°C)	pH (S.U.)	Conductivity (mS/cm)	Redox (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
February 2009	BC-CA-03	JP-W-01	7.45	5.96	0.22	251	10.48	2.6
	BC-CA-06	JP-W-02	6.59	6.91	0.21	226	12.01	0.0
	BC-CA-09A	JP-W-03	3.65	6.26	0.19	258	11.92	2.6
	BC-SD-03	JP-W-04	0.43	6.45	0.32	209	12.51	0.0
	BC-TB-02	JP-W-05	3.90	6.31	0.18	225	11.49	0.0
	BC-CA-07	JP-W-06	2.68	5.97	0.29	257	12.09	20.7
	BC-SD-08	JP-W-07	6.12	5.99	0.13	291	11.90	6.6
	BC-SE-04	JP-W-08	6.80	6.42	0.25	177	10.47	37.9
	JPG-BC-11	JP-W-09	9.30	6.41	0.26	250	10.19	2.1
	JPG-DU-12	JP-W-10	8.04	6.12	0.19	260	10.21	6.3
	BC-SD-07	JP-W-11	6.12	6.20	0.14	287	11.94	7.1
	BC-SD-06	JP-W-12	0.61	5.81	0.35	280	13.51	0.2
	BC-SD-09	JP-W-13	4.32	6.83	0.13	248	12.13	16.9
	BC-TB-04	JP-W-14	3.69	5.82	0.14	270	13.49	12.5
	TBC-SD-01	JP-W-15	3.87	5.98	0.08	293	12.40	10.9
	TBC-SD-08	JP-W-16	1.53	5.74	0.06	273	11.51	1.2
	MF-SD-01	JP-W-17	0.10	5.84	0.26	271	10.93	14.5
	MF-SD-06L	JP-W-18	0.78	6.16	0.15	222	12.42	9.0
	MF-SD-09	JP-W-19	5.20	5.80	0.14	277	11.64	3.5
	MF-CA-01	JP-W-20	3.75	5.70	0.23	244	11.68	8.3

Notes:

S.U.-Standard Units

mS/cm-millisiemens per centimeter

mV-millivolts

mg/L-milligrams per Liter

NTU-nephelometric turbidity units