

Sample Site	Date	Water Column	Sediment	Tissue	Sample Medium		Sample Analysis Results												Total Priority Metals (ug/L)															
					Coliform		Total Nitrogen			Polychlorinated Biphenols (ug/l)				TPHCs		Total Priority Metals (ug/L)																		
					Total (Coliform/100ml)	Fecal (Coliform/100ml) ¹	Total Kjeldahl Nitrogen (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Ammonia Nitrogen (mg/L)	Dioxin	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Gasoline (ug/L)	Diesel (ug/L)	Oil (ug/L)	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
Reservation Wetland well 1	3/23/2006	X			≥1600	<2	1.30			0.13																								
Reservation Wetland well 1	7/20/2006	X			11	<2	ND	0.89	ND	ND	0.052																							
Reservation Wetland well 1	11/3/2006	X			≥1600	<2	1.00	ND	ND	ND	0.11																							
Reservation Wetland well 1	10/11/2007	X			22	<2	2.30	ND	ND	ND	0.66																							
Reservation Wetland well 1	10/6/2008	X			2	<2	1.70	0.61	ND	0.62	0.081																							
Reservation Wetland well 1	2/27/2009	X			1600	<2																												
Reservation Wetland well 1	9/16/2010	X			<2	<2	ND	ND	ND	ND	0.033																							
Reservation Wetland well 1	10/26/2010	X				8	ND	ND	ND	ND	0.023																							
Reservation Wetland well 1	11/4/2010	X			240	<2																												
Reservation Wetland well 1	10/5/2011	X			1600	79	ND	ND	ND	ND	0.04	3																						
Reservation Wetland well 1	10/23/2012	X			1600	22	ND	0.28	ND	ND	0.054																		6.8					
Reservation Wetland well 1	10/1/2013	X			4	<2	ND	1.20	ND	ND	0.043																		9.2					
Reservation Wetland well 1	11/14/2014	X			540	11	ND	1.00	ND	ND	ND																							
Reservation Wetland well 1	12/8/2015	X			79	210	1.2	0.44	ND	0.13	0.023																		11					
Reservation Wetland well 1	3/29/2016	X			350	<2																												
Reservation Wetland well 1					<2	<2																												
Reservation Wetland well 1					<2	<2																												
Reservation Wetland well 2	3/17/2006	X			9	<2	ND				0.033																							
Reservation Wetland well 2	7/20/2006	X			<2	<2	ND	1.30	ND	ND	ND																							
Reservation Wetland well 2	11/3/2006	X			<2	<2	1.6	1.70	ND	ND	0.93																							
Reservation Wetland well 2	10/11/2007	X			7	<2	1.2	1.80	ND	ND	ND																							
Reservation Wetland well 2	10/6/2008	X			30	<2	ND	2.10	ND	0.11	0.12																							
Reservation Wetland well 2	9/16/2010	X			<2	<2	ND	3.10	ND	ND	0.03																							
Reservation Wetland well 2	10/26/2010	X			80	ND	3.70	ND	ND	ND																								
Reservation Wetland well 2	11/4/2010	X			190	28																												
Reservation Wetland well 2	10/5/2011	X			≥1600	170	ND	1.20	ND	ND	0.084	34																						
Reservation Wetland well 2	10/23/2012	X			1600	<2	ND	2.70	ND	ND	0.023																		5.3					
Reservation Wetland well 2	10/1/2013	X			17	<2	ND	2.10	ND	ND	0.071																							
Reservation Wetland well 2	1/6/2015	X			240	<2	ND	6.10	ND	ND	0.074																			8.4				
Reservation Wetland well 2	1/15/2016	X			350	<2	ND	5.00	ND	ND	ND																							
Reservation Wetland well 2					41	<2																												
Reservation Wetland well 2	3/29/2016	X			<2	<2																												
Reservation Wetland well 2					<2	<2																												
Reservation Retention Basin 1	10/19/2007	X			≥1600	≥1600	2.5	ND	ND	0.12	0.3																			130 ²				
Reservation Retention Basin 1	11/24/2015	X			≥1600	≥1600	ND	0.14	ND	0.12	0.14																			110				
Eel River Estuary	10/4/2011	X			130	33	ND	ND	ND	ND	0.046	6																						
Eel River Estuary	10/17/2012	X			70	33	ND	ND	ND	ND	0.04	4.2																						
Eel River Estuary	10/2/2013	X			540	49	ND	ND	ND	ND	0.049	13																						
Hooton Slough	10/17/2012	X			33	33																												
Hooton Slough	10/2/2013	X			1600	17																												

Footnotes

1: More samples needed within 30-day period to compare against criteria for fecal coliform

2: Metals results not comparable against freshwater criteria without hardness data

3: The sample contains material in the diesel range of molecular weights, but the material does not exhibit the peak pattern typical of diesel oil

Sample Site	Date	Sample Medium			Dissolved Priority Metals (ug/L)												SVOCs
		Water Column	Sediment	Tissue	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
McNulty Slough	5/4/2005	X															
McNulty Slough	8/19/2005	X															
McNulty Slough	12/2/2005	X															
McNulty Slough	3/17/2006	X															
McNulty Slough	7/20/2006	X															
McNulty Slough	11/3/2006	X															
McNulty Slough	10/11/2007	X															
McNulty Slough	10/6/2008	X			ND	62	ND	ND	ND	220	ND	ND	35	180	ND	ND	15
McNulty Slough	10/14/2009	X			ND	74	ND	ND	ND	250	ND	ND	28	250	ND	ND	14
McNulty Slough	9/16/2010	X															
McNulty Slough	10/26/2010	X															
McNulty Slough	11/4/2010	X															
McNulty Slough	10/5/2011	X															
Bay Entrance	5/19/2005	X															
Bay Entrance	8/19/2005	X															
Bay Entrance	12/2/2005	X															
Bay Entrance	3/16/2006	X															
Bay Entrance	7/21/2006	X															
Bay Entrance	11/2/2006	X															
Bay Entrance	10/17/2007	X															
Bay Entrance	10/10/2008	X															
Bay Entrance	10/19/2009	X															
Bay Entrance	9/16/2010	X															
Bay Entrance	10/28/2010	X															
Bay Entrance	10/6/2011	X															
Bay Entrance	10/18/2012	X															
Indian Island	5/19/2005	X															ND
Indian Island	8/19/2005	X															ND
Indian Island	12/2/2005	X															ND
Indian Island	3/16/2006	X															ND
Indian Island	7/21/2006	X															ND
Indian Island	11/2/2006	X															ND
Indian Island	10/17/2007	X															ND
Indian Island	10/10/2008	X															
Indian Island	10/19/2009	X															
Indian Island	9/16/2010	X															
Indian Island	10/28/2010	X															
Indian Island	10/6/2011	X															
Indian Island	10/18/2012	X															
Indian Island	10/1/2013	X															
Mad River Slough	5/19/2005	X															ND
Mad River Slough	8/19/2005	X															ND
Mad River Slough	12/2/2005	X															ND
Mad River Slough	3/16/2006	X															ND
Mad River Slough	7/20/2006	X															ND
Mad River Slough	11/2/2006	X															ND
Mad River Slough	10/17/2007	X															ND
Mad River Slough	10/6/2008	X															
Mad River Slough	10/19/2009	X															
Mad River Slough	9/16/2010	X															
Mad River Slough	10/26/2010	X															
Mad River Slough	11/4/2010	X															
Mad River Slough	10/6/2011	X															
Mad River Slough	10/18/2012	X															
Reservation Wetland	5/4/2005	X															

Sample Site	Date	Sample Medium			Dissolved Priority Metals (ug/L)												
		Water Column	Sediment	Tissue	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
Reservation Wetland well 1	3/23/2006	X															
Reservation Wetland well 1	7/20/2006	X															
Reservation Wetland well 1	11/3/2006	X															
Reservation Wetland well 1	10/11/2007	X															
Reservation Wetland well 1	10/6/2008	X															
Reservation Wetland well 1	2/27/2009	X															
Reservation Wetland well 1	9/16/2010	X															
Reservation Wetland well 1	10/26/2010	X															
Reservation Wetland well 1	11/4/2010	X															
Reservation Wetland well 1	10/5/2011	X															
Reservation Wetland well 1	10/23/2012	X															
Reservation Wetland well 1	10/1/2013	X															
Reservation Wetland well 1	11/14/2014	X															
Reservation Wetland well 1	12/8/2015	X															
Reservation Wetland well 1	3/29/2016	X															
Reservation Wetland well 2	3/17/2006	X															
Reservation Wetland well 2	7/20/2006	X															
Reservation Wetland well 2	11/3/2006	X															
Reservation Wetland well 2	10/11/2007	X															
Reservation Wetland well 2	10/6/2008	X															
Reservation Wetland well 2	9/16/2010	X															
Reservation Wetland well 2	10/26/2010	X															
Reservation Wetland well 2	11/4/2010	X															
Reservation Wetland well 2	10/5/2011	X															
Reservation Wetland well 2	10/23/2012	X															
Reservation Wetland well 2	10/1/2013	X															
Reservation Wetland well 2	1/6/2015	X															
Reservation Wetland well 2	1/15/2016	X															
Reservation Wetland well 2	3/29/2016	X															
Reservation Retention Basin 1	10/19/2007	X															
Reservation Retention Basin 1	11/24/2015	X															
Eel River Estuary	10/4/2011	X															
Eel River Estuary	10/17/2012	X															
Eel River Estuary	10/2/2013	X															
Hookton Slough	10/17/2012	X															
Hookton Slough	10/2/2013	X															

Footnotes

- 1: More samples needed within 30-day period to compare against criteria
- 2: Metals results not comparable against freshwater criteria without health risk assessment
- 3: The sample contains material in the diesel range of molecular weight

Acronyms & Codes	
PCBs	Poly Chlorinated Biphenols
SVOCs	Semi Volatile Organic Compounds
TPHCs	Total Petroleum Hydrocarbons
ND	Non Detect
NQ	Not Quantifiable
X	Sample collected but not analyzed
	Result approaching but not exceeding criteria threshold
	Result indicating possible exceedance of criteria, but more data are needed
	Result indicating exceedance of criteria
	Result of low reliability due to QA/QC review

List of SVOCs Analyzed for via EPA method 8270C:

Phenol	2,4-Dinitrooluene
2-Chlorophenol	Diethyl phthalate
Bis(2-chloroethyl)ether	Fluorene
1,3-Dichlorobenzene	4-Chlorophenyl phenyl ether
1,4-Dichlorobenzene	4,6-Dinitro-2-methylphenol
1,2-Dichlorobenzene	N-Nitrosodiphenylamine
Bis(2-chloroisopropyl)ether	4-Bromophenyl phenyl ether
N-Nitrosodi-n-propylamine	Hexachlorobenzene
Hexachloroethane	Pentachlorophenol
Nitrobenzene	Phenanthrene
Isophorone	Anthracene
2-Nitrophenol	Di-n-butyl phthalate
2,4-Dichlorophenol	Fruoranthene
1,2,4-Trichlorobenzene	Pyrene
Naphthalene	Butyl benzyl phthalate
Hexachlorobutadiene	Benzo(a)anthracene
4-Chloro-3-methylphenol	3,3'-Dichlorobenzidine
Hexachlorocyclopentadiene	Chryses
2,4,6-Trichlorophenol	Bis(2-ethylhexyl)phthalate
2-Chloronaphthalene	Ni-n-octyl phthalate
Dimethyl phthalate	Benzo(b)fluoranthene
Acenaphthylene	Benzo(k)fluoranthene
2,6-Dinitrotoluene	Benzo(a)pyrene
Acenaphthene	Indeno(1,2,3-cd)pyrene
2,4-Dinitrophenol	Dibenz(a,h)anthracene
4-Nitrohenol	Benzo(g,h,i)perylene

Constituent	Criteria	Fresh Water	Salt Water	Source
Arsenic	1 hr average = 69 ug/L		X	California Toxics Rule for Enclosed Bays & Estuaries, Saltwater Aquatic Life Protection
Arsenic	1 hr average = 69 ug/L		X	US EPA Recommended Ambient Water Quality Criteria, Saltwater Aquatic Life Protection
Arsenic	Instantaneous Maximum = 80 ug/L		X	California Ocean Plan for Marine Aquatic Life Protection
Copper	1 hr average = 4.8 ug/L		X	California Toxics Rule for Enclosed Bays & Estuaries, Saltwater Aquatic Life Protection
Copper	Instantaneous Maximum = 30 ug/L		X	California Ocean Plan for Marine Aquatic Life Protection
Copper	1 hr average = 4.8 ug/L		X	US EPA Recommended Ambient Water Quality Criteria, Saltwater Aquatic Life Protection
Fecal Coliform	30 day median (≥ 5 samples) = 50/100ml	X	X	NCRWQCB Basin Plan Objectives for Inland Waters, Enclosed Bays, and Estuaries
Fecal Coliform	30 day median 10% of samples(≥ 5 samples) = 400/100ml	X	X	NCRWQCB Basin Plan Objectives for Inland Waters, Enclosed Bays, and Estuaries
Fecal Coliform	Aquaculture area = 49/100ml		X	NCRWQCB Basin Plan Objectives for Inland Waters, Enclosed Bays, and Estuaries
Lead	1 hr average = hardness dependent	X		California Toxics Rule and US EPA Recommended Ambient Water Quality Criteria for Freshwater Life Protection
Phosphate Phosphorus	streams = .05 mg/l	X		US EPA Recommended Ambient Water Quality Criteria
Phosphate Phosphorus	streams not flowing into lake or impoundment = .1 mg/l	X		US EPA Recommended Ambient Water Quality Criteria
Selenium	1 hr average = 290 ug/L		X	California Toxics Rule for Enclosed Bays & Estuaries, Saltwater Aquatic Life Protection
Selenium	Instantaneous Maximum = 150 ug/L		X	California Ocean Plan for Marine Aquatic Life Protection
Selenium	1 hr average = 290 ug/L		X	US EPA Recommended Ambient Water Quality Criteria, Saltwater Aquatic Life Protection
Zinc	1 hr average = hardness dependent	X		California Toxics Rule and US EPA Recommended Ambient Water Quality Criteria for Freshwater Life Protection