

Appendix F - Surface Water Monitoring Results

Sample Num	Sample Location	Sampling Date	Sampling Time	Copper mg/L	Electrical Conductivity (Field Reading) µS/cm	Electrical Conductivity @ 25°C µS/cm	Flow Rate	No Sample	pH - Field pH Unit	pH - Lab pH Unit	Sulfate mg/L	Temperature °C	Turbidity NTU	Zinc mg/L
ME1400123001	CC_1	22-JAN-2014	1500					Dry						
ME1400123002	CC_2	22-JAN-2014	1728					No Access						
ME1400123003	CC_3	22-JAN-2014	1713					Dry						
ME1400123004	WIL_U	22-JAN-2014	1441					Dry						
ME1400123005	WIL_U2	22-JAN-2014	1410	0.007	5970				6.8		10	26.5	290	0.064
ME1400123006	WIL_NC	22-JAN-2014	1239	0.01	470				7.4		15	24.5	401	0.044
ME1400123007	WIL_PC	22-JAN-2014	1436					Dry						
ME1400123008	WIL_D	22-JAN-2014	1553	0.001	4160				8.4		319	24.7	14.6	<0.005
ME1400123009	WIL_D2	22-JAN-2014	1520					Dry						
ME1400123010	WOL_1	22-JAN-2014	1642	0.001	3680				8.9		733	23.8	2.2	<0.005
ME1400123011	WOL_2	22-JAN-2014	1612	0.001	4060				7.8		615	24.5	7	<0.005
ME1400280001	CC_1	21-FEB-2014	1143		2460				7.3		1080	22.9	7.5	
ME1400280002	CC_2	21-FEB-2014	1338		160				7.3		85	22.3	151	
ME1400280003	CC_3	21-FEB-2014	1348		400				7.6		23	27.1	346	
ME1400280004	WIL_U	21-FEB-2014	1105					Dry						
ME1400280005	WIL_U2	21-FEB-2014	1026		4380				6.9		49	22.5	33.4	
ME1400280006	WIL_NC	21-FEB-2014	1125		350				7.4		26	18.3	2410	
ME1400280007	WIL_PC	21-FEB-2014	1101					Dry						
ME1400280008	WIL_D	21-FEB-2014	1241		6010				7.5		1680	27.1	7.4	
ME1400280009	WIL_D2	21-FEB-2014	1214		5490				7.9		1580	28.1	4.4	
ME1400280010	WOL_1	21-FEB-2014	1311		1870				8.5		561	30.8	18.6	
ME1400280011	WOL_2	21-FEB-2014	1258		3630				7.5		491	23.6	69.7	
ME1400281001	WIL_GS_U	21-FEB-2014	1049		2180				6.9		173	18.3	40	
ME1400281002	WIL_GS_D	21-FEB-2014	1212		6520				7.7		1860	26.3	15.5	
ME1400281003	CC_GS	21-FEB-2014	1145		2450				7.3		1230	22.9	9.6	
ME1400423001	WIL_GS_U	21-MAR-2014	1612			1700				6.3	203		26.9	
ME1400423002	WIL_GS_D	21-MAR-2014	1455		6370				7.9		1350	29.4	5.5	
ME1400423003	CC_GS	21-MAR-2014	1515		1970				7.9		911	25	128	
ME1400422001	CC_1	21-MAR-2014	1518		1970				8		930	24.9	165	
ME1400422002	CC_2	21-MAR-2014	1306		6380				7.2		2520	23.3	4	
ME1400422003	CC_3	21-MAR-2014	1250					Dry						
ME1400422004	WIL_U	21-MAR-2014	1607					Dry						
ME1400422005	WIL_U2	21-MAR-2014	1617			3490				7.1	32		71.5	
ME1400422006	WIL_NC	21-MAR-2014	1548					Dry						
ME1400422007	WIL_PC	21-MAR-2014	1605					Dry						
ME1400422008	WIL_D	21-MAR-2014	1428		5130				8		801	27.9	3.4	
ME1400422009	WIL_D2	21-MAR-2014	1454					Dry						
ME1400422010	WOL_1	21-MAR-2014	1346		3220				8.7		658	27.5	2.3	
ME1400422011	WOL_2	21-MAR-2014	1357		3960				7.5		575	23	39.5	
ME1400579001	CC_1	22-APR-2014	1226					Soft Mud Only						
ME1400579002	CC_2	22-APR-2014	1223	<0.001		5410				7.8	1630	14	1	<0.005

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ME1400579003	CC_3	22-APR-2014	1407					Dry						
ME1400579004	WIL_U	22-APR-2014	1137					Dry						
ME1400579005	WIL_U2	22-APR-2014	1114	<0.001		2500			7.1	69	15	33.9	<0.005	
ME1400579006	WIL_NC	22-APR-2014	1150					Soft Mud Only						
ME1400579007	WIL_PC	22-APR-2014	1130					Dry						
ME1400579008	WIL_D	22-APR-2014	1242	<0.001		4160			7.6	683	17	1	<0.005	
ME1400579009	WIL_D2	22-APR-2014	1214	<0.001		5310			8	1300	20	1.2	<0.005	
ME1400579010	WOL_1	22-APR-2014	1328	<0.001		2990			8.2	817	21	2.1	<0.005	
ME1400579011	WOL_2	22-APR-2014	1307	<0.001		2980			7.6	778	14.5	10.6	0.005	
ME1400579012	SGC_1	22-APR-2014	1255					Dry						
ME1400578001	WIL_GS_U	22-APR-2014	1107			1560			6.7	118	13	13.3		
ME1400578002	WIL_GS_D	22-APR-2014	1212			5680			8	1760	20	1.8		
ME1400578003	CC_GS	22-APR-2014	1225					Soft Mud Only						
ME1400728001	CC_1	21-MAY-2014	1154					Dry						
ME1400728002	CC_2	21-MAY-2014	1302		5880				7.6		1740	14.4	1.1	
ME1400728003	CC_3	21-MAY-2014	1344					Dry						
ME1400728004	WIL_U	21-MAY-2014	1129					Dry						
ME1400728005	WIL_U2	21-MAY-2014	1106		2430				6.5		102	14.5	28.4	
ME1400728006	WIL_NC	21-MAY-2014	1144					Dry						
ME1400728007	WIL_PC	21-MAY-2014	1132					Dry						
ME1400728008	WIL_D	21-MAY-2014	1235		4190				7.6		378	19.6	1.4	
ME1400728009	WIL_D2	21-MAY-2014	1210		5560				8.1		1100	25.1	0.8	
ME1400728010	WOL_1	21-MAY-2014	1323		3060				7.9		701	17.5	1.5	
ME1400728011	WOL_2	21-MAY-2014	1305		2790				7.2		722	13.8	1.2	
ME1400728012	SGC_1	21-MAY-2014	1252					Dry						
ME1400729001	WIL_GS_U	21-MAY-2014	1115		1650				6.8		114	12.7	7.6	
ME1400729002	WIL_GS_D	21-MAY-2014	1206		5580				7.7		1100	19.1	1.5	
ME1400729003	CC_GS	21-MAY-2014	1154					Dry						
ME1400888001	WIL_GS_U	20-JUN-2014	1102		1670				6.9		99	10.5	3.6	
ME1400888002	WIL_GS_D	20-JUN-2014	1212		5860				7.6		1480	14	1.6	
ME1400888003	CC_GS	20-JUN-2014	1154		690				7.8		152	10.9	32.4	
ME1400887001	CC_1	20-JUN-2014	1156		690				7.9		146	11	30.8	
ME1400887002	CC_2	20-JUN-2014	1359		5550				7.4		2040	11.7	0.2	
ME1400887003	CC_3	20-JUN-2014	1416		5260				8		2080	14.2	35.6	
ME1400887004	WIL_U	20-JUN-2014	1113					Dry						
ME1400887005	WIL_U2	20-JUN-2014	1052		1620				6.4		110	11.7	8.6	
ME1400887006	WIL_NC	20-JUN-2014	1128					Dry						
ME1400887007	WIL_PC	20-JUN-2014	1115					Dry						
ME1400887008	WIL_D	20-JUN-2014	1235		4140				7.5		470	13.7	2.9	
ME1400887009	WIL_D2	20-JUN-2014	1214		5710				7.9		1460	14.5	1	
ME1400887010	WOL_1	20-JUN-2014	1320		2270				7.7		636	11.4	1.2	
ME1400887011	WOL_2	20-JUN-2014	1255		2160				7.3		598	9.7	4.2	
ME1400887012	SGC_1	20-JUN-2014	1245					Dry						
ME1401046001	WIL_GS_U	24-JUL-2014	1440		1660				6.8		99	10	6.3	
ME1401046002	WIL_GS_D	24-JUL-2014	1339		6100				7.9		1190	10.6	12.4	
ME1401046003	CC_GS	24-JUL-2014	1401					Soft Mud Only						
ME1401049001	CC_1	24-JUL-2014	1115	<0.001	5430				8.2		1880	8.8	14.7	<0.005
ME1401049002	CC_2	24-JUL-2014	1136	<0.001	5540				7.6		1980	7.9	0.8	<0.005
ME1401049003	CC_3	24-JUL-2014	1401					Soft Mud Only						

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ME1401049004	WIL_U	24-JUL-2014	1429					Dry						
ME1401049005	WIL_U2	24-JUL-2014	1455	0.004	1680				6.3		108	11.4	5.2	0.048
ME1401049006	WIL_NC	24-JUL-2014	1410	0.004	410				7.3		10	15.8	19.3	0.011
ME1401049007	WIL_PC	24-JUL-2014	1427					Dry						
ME1401049008	WIL_D	24-JUL-2014	1322	<0.001	4610				7.5		707	9.8	1.8	<0.005
ME1401049009	WIL_D2	24-JUL-2014	1343	0.002	7550				8.1		1670	10.7	1.7	<0.005
ME1401049010	WOL_1	24-JUL-2014	1234	<0.001	2190				7		440	9	1.4	0.005
ME1401049011	WOL_2	24-JUL-2014	1201	<0.001	2150				7.4		496	7.1	0.8	<0.005
ME1401049012	SGC_1	24-JUL-2014	1250					Dry						
ME1401205001	WIL_GS_U	21-AUG-2014	1408		1340				6.6		80	12.4	5	
ME1401205002	WIL_GS_D	21-AUG-2014	1310		1230				7		347	14.5	26.7	
ME1401205003	CC_GS	21-AUG-2014	1325		600				8.3		111	12.2	65.6	
ME1401206001	CC_1	21-AUG-2014	1324		610				8.3		120	12	66.7	
ME1401206002	CC_2	21-AUG-2014	1027		5250				7.6		1870	11.1	0.6	
ME1401206003	CC_3	21-AUG-2014	952		5080				7.8		2100	9.5	1.1	
ME1401206004	WIL_U	21-AUG-2014	1355		1540				6		174	13.3	3.2	
ME1401206005	WIL_U2	21-AUG-2014	1416		1340				6.6		83	15.8	4.5	
ME1401206006	WIL_NC	21-AUG-2014	1339		310				7.4		6	17.5	1.8	
ME1401206007	WIL_PC	21-AUG-2014	1349					Dry						
ME1401206008	WIL_D	21-AUG-2014	1235		2250				7.3		666	13.7	5.6	
ME1401206009	WIL_D2	21-AUG-2014	1313		1220				7		352	14.8	25.9	
ME1401206010	WOL_1	21-AUG-2014	1135		1930				7.8		434	12.3	1.5	
ME1401206011	WOL_2	21-AUG-2014	1123		1880				7.5		456	11	0.6	
ME1401206012	SGC_1	21-AUG-2014	1220					Dry						
ME1401348001	WIL_GS_U	19-SEP-2014	1409		1700		Low		7.8		78	15.8	10.5	
ME1401348002	WIL_GS_D	19-SEP-2014	1312		1170		Nil		8.2		265	18.7	38.6	
ME1401348003	CC_GS	19-SEP-2014	1336		960		Nil		9.2		194	19.2	268	
ME1401347001	CC_1	19-SEP-2014	1334		960		Nil		9.2		189	19.4	352	
ME1401347002	CC_2	19-SEP-2014	1139		5280		Low		7.5		1780	11.7	1.5	
ME1401347003	CC_3	19-SEP-2014	1121					Dry						
ME1401347004	WIL_U	19-SEP-2014	1359					Dry						
ME1401347005	WIL_U2	19-SEP-2014	1421		2140		Low		7.4		87	16.5	7.6	
ME1401347006	WIL_NC	19-SEP-2014	1347					Dry						
ME1401347007	WIL_PC	19-SEP-2014	1358					Dry						
ME1401347008	WIL_D	19-SEP-2014	1255		1910		Nil		8		283	16.7	1.3	
ME1401347009	WIL_D2	19-SEP-2014	1317		1270		Nil		8.4		274	20.2	10.3	
ME1401347010	WOL_1	19-SEP-2014	1221		2140		Low		8		470	14.7	2.8	
ME1401347011	WOL_2	19-SEP-2014	1202		2140		Low		7.6		466	12	1	
ME1401347012	SGC_1	19-SEP-2014	1246					Dry						
ME1401509001	WIL_GS_U	21-OCT-2014	1449		2040		Nil		7.4		60	20.4	12.3	
ME1401509002	WIL_GS_D	21-OCT-2014	1413		770		Low		7.8		117	27.4	12.9	
ME1401509003	CC_GS	21-OCT-2014	1200					Dry						
ME1401508001	CC_1	21-OCT-2014	1200					Dry						
ME1401508002	CC_2	21-OCT-2014	1231	0.001	6590		Nil		6.9		2400	17.8	3.1	<0.005
ME1401508003	CC_3	21-OCT-2014	1217					Dry						
ME1401508004	WIL_U	21-OCT-2014	1440					Dry						
ME1401508005	WIL_U2	21-OCT-2014	1502	<0.001	3310		Nil		6.7		70	25.7	17.9	0.006
ME1401508006	WIL_NC	21-OCT-2014	1147	0.001	340		Nil		7		9	18	44.2	<0.005
ME1401508007	WIL_PC	21-OCT-2014	1439					Dry						

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ME1401508008	WIL_D	21-OCT-2014	1357	<0.001	1520		Nil		7.9		236	24	2.3	0.006
ME1401508009	WIL_D2	21-OCT-2014	1415	0.001	780		Low		8		120	28.4	12.8	<0.005
ME1401508010	WOL_1	21-OCT-2014	1320	<0.001	2260		Very Low		8.1		522	21.5	6.1	<0.005
ME1401508011	WOL_2	21-OCT-2014	1301	<0.001	2800		Very Low		7.3		588	19.2	7.6	<0.005
ME1401508012	SGC_1	21-OCT-2014	1208					Dry						
ME1401674001	CC_1	24-NOV-2014	1149					Soft Mud Only						
ME1401674002	CC_2	24-NOV-2014	1210					Dry						
ME1401674003	CC_3	24-NOV-2014	1200					Dry						
ME1401674004	WIL_U	24-NOV-2014	1418					Dry						
ME1401674005	WIL_U2	24-NOV-2014	1432					Soft Mud Only						
ME1401674006	WIL_NC	24-NOV-2014	1407					Soft Mud Only						
ME1401674007	WIL_PC	24-NOV-2014	1416					Dry						
ME1401674008	WIL_D	24-NOV-2014	1332		3680		Nil		8		205	29.6	26.8	
ME1401674009	WIL_D2	24-NOV-2014	1349		2160		Nil		8.7		485	31	42.7	
ME1401674010	WOL_1	24-NOV-2014	1314		3510		Nil		8.7		1120	31	2.1	
ME1401674011	WOL_2	24-NOV-2014	1253		3130		Nil		7.5		842	25.5	48.7	
ME1401674012	SGC_1	24-NOV-2014	1323					Dry						
ME1401673001	WIL_GS_U	24-NOV-2014	1418		3060		Nil		7.4		6	25.2	135	
ME1401673002	WIL_GS_D	24-NOV-2014	1345		1570		Nil		8.6		311	30.5	117	
ME1401673003	CC_GS	24-NOV-2014	1148					Soft Mud Only						
ME1401768001	CC_1	11-DEC-2014	1117		2770		Nil		7.1		1150	22	2.3	
ME1401768002	CC_2	11-DEC-2014	1205		3400		Very Low		7.5		1290	24.7	0.7	
ME1401768003	CC_3	11-DEC-2014	1145		3350		Nil		7.8		1320	27.5	1.3	
ME1401768004	WIL_U	11-DEC-2014	1437		980		Low		7.1		70	26.3	30	
ME1401768005	WIL_U2	11-DEC-2014	1423					Dry						
ME1401768006	WIL_NC	11-DEC-2014	1107		790		Nil		7		96	23.5	1110	
ME1401768007	WIL_PC	11-DEC-2014	1421					Dry						
ME1401768008	WIL_D	11-DEC-2014	1341		2980		Low		6.9		1190	26.2	10.8	
ME1401768009	WIL_D2	11-DEC-2014	1355		2510		Low		8.1		983	28	16	
ME1401768010	WOL_1	11-DEC-2014	1315		1870		Low		8		535	27.9	4.2	
ME1401768011	WOL_2	11-DEC-2014	1301		1670		Low		7.3		452	24.4	2.3	
ME1401768012	SGC_1	11-DEC-2014	1233					Dry						
ME1401769001	WIL_GS_U	11-DEC-2014	1429		1260		Low		7.3		69	27.7	41.7	
ME1401769002	WIL_GS_D	11-DEC-2014	1354		2520		Low		7.9		997	28.6	11.8	
ME1401769003	CC_GS	11-DEC-2014	1116		2770		Nil		7		1100	22.1	3	