

FID	RD ID	NAME	BMP	EMP	LENGTH	InvNotes	StrmAli	
0	10753	LOWER WOLF	1.5	3	1.5	WEPP survey completed as part of Crystal Cedar, multiple landslides	YES	
1	1670A	DRY KNOB A	0	0.5	0.5	Panel group 2, no stream aligned cmps remain	no	
2	11024	JIMMIE RIDGE	0.1	0.9	0.788	2008 cmp monitoring	no	
3	10919	UPPER CANYON	0	0.1	0.1	unable to locate prism, likely obliterated	no	
4	895B	LOST JOHNNY	5.4	5.5	0.125	no stream aligned cmp	no	
5	9716	LOWER STOPHER	0	2.8	2.84	poorly aligned and undersized cmp in Stopher Creek inventoried in 2017	yes	
6	9716B	STOPHER GOFOR	0	0.8	0.82	one stream aligned cmp on ephemeral stream with partially blocked inlet and crushed c yes		
7	5246	YEW FLATS	0	0.4	0.4	no stream aligned cmps	no	
8	9503	ANNA CREEK	1.3	1.9	0.57	no stream aligned cmps	no	
9	1650	LINDGERGH BLOWDOV	0	0.4	0.4	no stream aligned cmp	no	
10	549L	BUNKER CREEK L	0	0.7	0.7	Inventoried as part of BAER assessment	no	
11	5279	COAL DUST ONE	0	1.7	1.72	Panel Group 2 5 stream aligned cmps some with alignment issues. see cmp monitoring	yes	
12	10916	DEEP HELL	0	0.2	0.2	Panel group 2, no stream aligned cmps remain	no	
13	568E	SPOTTED BEAR RIVER E	0	0.1	0.05	no stream aligned cmp	no	
14	9831	OTILA BASIN	1.4	2	0.65	HH files	no	
15	1684	COAL CREEK CONNECT	6.9	7.5	0.6	Panel Group 2, 2 stream aligned cmps. see survey point data for more information	yes	
16	11024	JIMMIE RIDGE	0.9	2	1.15	2008 cmp monitoring	no	
17	2820X	MIDDLE FORK X	0	0.2	0.2	no inv. call based on hs character and obs of rd 2820	no	
18	549Q	BUNKER CREEK Q	0	0.2	0.2		no	
19	10802	RAGHORN	0	3.7	3.69	Panel Group 2, culverts to be removed in 2017	yes	
20	895L	WEST SIDE SOUTH FOR	0	0.8	0.8	2008 cmp monitoring	no	
21	2801Y	CONNOR Y	0	1.1	1.1	not inventoried due to safety and logistics 2017		
22	1675A	MAHONEY	0	0.2	0.17	one stream aligned cmp near end of road	yes	
23	549S	BUNKER CREEK S	0	0.9	0.9		no	
24	10753	LOWER WOLF	0	1.5	1.5	WEPP surveys compl as part of Crystal Cedar, landslide	YES	
25	1636A	PETERS CREEK	0	0.5	0.451	no stream aligned cmps	no	
26	9799	CZAR CREEK ONE	0	0.5	0.484	no stream aligned cmp	no	
27	2860	LOST JOHNNY RIDGE	0	4.8	4.8	multiple stream aligned cmps and water on road	yes	
28	2820Z	MIDDLE FORK Z	0	0.3	0.3	no stream aligned cmps	no	
29	1670B	DRY KNOB B	0	0.2	0.2	Panel group 2, no stream aligned cmps remain	no	
30	5251B	GRAVES POINT B	0	0.5	0.45	no stream aligned cmp	no	
31	5307A	SOUTH SIDE WHALE CR	0	0.4	0.4	Panel Group 1	no	
32	9019S	MEADOW 1	0	0.9	0.943	no stream aligned cmp	no	
33	1149S	QUINTONKON CORRAL	0	0.1	0.06	no stream aligned cmp	no	

FID	RD ID	NAME	BMP	EMP	LENGTH	InvNotes	StrmAli	
34	549P	BUNKER CREEK P	0	0.4	0.4		no	
35	5317A	SPRING MEADOW BASI	0	0.2	0.2	no stream aligned cmps	no	
36	10818	DEEP HELLROARING CR	2.2	2.3	0.15	panel group 2	no	
37	2820A	LATE CREEK	0	0.7	0.7		no	
38	5234	CENTER MOUNTAIN M	0	1.8	1.8	non priority BT watershed but to be completed with Panel Group 1	no	
39	5277	COAL DUST TWO	2.3	3.7	1.37	Panel Group 2, no remaining stream aligned cmps	no	
40	9792	ELK SIDEHILL	0	0.8	0.8	one stream aligned cmp with flow around pipe.	yes	
41	9693	SOUTH KNEIFF	0	0.3	0.25	no stream aligned cmps	no	
42	2801	SOUTH FORK CONNOR	2.7	3.6	0.86	no stream aligned cmp	no	
43	9698	UPPER PEARL	0	0.4	0.44	hh files if decomed	no	
44	549N	BUNKER CREEK N	0	0.2	0.2	Inventoried as part of BAER assessment	no	
45	90196	MEADOW 2	0	0.4	0.35	no stream aligned cmp	no	
46	1670C	DRY KNOB C	0	0.1	0.1	Panel group 2, no stream aligned cmps remain	no	
47	9716	LOWER STOPHER	2.8	3.1	0.26	wepp inventory from 2015 Bug Creek field work	yes	
48	70722	(DSL) MORAN JEEP ROA	2.1	2.4	0.31	non BT priority watershed but completed with Panel Group 1	no	
49	648D	BIG CREEK D	0	0.5	0.5	Panel group 2, no stream aligned cmps remain	no	
50	568D	SPOTTED BEAR RIVER C	0	0.1	0.06	no stream aligned cmp	no	
51	9767A	RIVER BEND	1	1.6	0.61	3 ditch relief cmps	no	
52	2820Y	MIDDLE FORK Y	0	1.5	1.5	no stream aligned cmps	no	
53	2817C	DOE CREEK CLAYTON C	0	0.6	0.6	no stream aligned cmps, ditch relief cmps functioning in place	no	
54	5275	WEST DEPUY CREEK	0	0.4	0.37	Panel group 2, no stream aligned cmps remain	no	
55	549R	BUNKER CREEK R	0	0.6	0.6		no	
56	5271C	DEPUY CREEK CONNEC	0	1.1	1.1	2 strm aligned with significant ditch water, one cmp is only 18"	yes	
57	10626	NORTH FORK PARKER	0	2	1.95	stream aligned cmps ruled out with inventory associated with Bug Creek WEPP	no	
58	317	COAL CREEK HALLOWA	16	19	2.32	Panel Group 2, 1 strm aligned cmp bottomless arch fully functional	yes	
59	11497	UNCLE SMILEY	0	0.1	0.07	no stream aligned cmp	no	
60	2820U	MIDDLE FORK U	0	1.6	1.6		no	
61	90962	SV 4	0.3	0.3	0.028	no stream aligned cmp marc ruby inventory	no	
62	1675	HAWK CREEK	0	0.8	0.75	non priority BT watershed but completed with Panel Group 1	no	
63	5251B	GRAVES POINT B	0.5	1.3	0.833	no stream aligned cmp	no	
64	9694	UPPER SOUTH KNEIFF	0	0.2	0.22	HH files	no	
65	10754	UPPER WOLF	0	3.1	3.068	WEPP comp as part of Crystal Cedar, landslides, heavily vegetated	YES	
66	2820W	MIDDLE FORK W	0	0.6	0.6	no inv. call based on hs character and obs of rd 2820	no	
67	2820V	MIDDLE FORK V	0	0.8	0.8	no inv. call based on hs character and obs of rd 2820	no	

FID	RD ID	NAME	BMP	EMP	LENGTH	InvNotes	StrmAli	
68	549M	BUNKER CREEK M	0	0.7	0.7	Inventoried as part of BAER assessment	no	
69	1604	SOUTH COAL RIDGE	0.7	2.7	2	Panel Group 2, 2 stream aligned cmps. see survey point data for more information	YES	
70	10818	DEEP HELLROARING CR	0	2.2	2.15	Panel group 2, no stream aligned cmps remain	no	
71	5277A	COAL DUST TWO A	0	0.3	0.28	Panel Group 2, no remaining stream aligned cmps	no	
72	5277	COAL DUST TWO	1.9	2.3	0.38	Panel Group 2, ditch relief cmp not stream aligned	no	
73	10802	RAGHORN	0	3.7	3.69	Panel Group 2, Raghorn Road, all stream aligned cmps being removed in 2017	yes	
74	1670	DRY KNOB	0	1.2	1.2	Panel group 2, no stream aligned cmps remain	no	
75	9822	CZAR FLATS	0	0.9	0.915	no stream aligned cmp	no	
76	9716	LOWER STOPHER	0	2.8	2.84	one stream aligned cmp	yes	
77	9716B	STOPHER GOFOR	0	0.8	0.82	excavated stream crossing	no	

OBJECTID	Date	Crew	Road_ID	HUC12	Stream_N	Culvert_Ty	Culvert_Cc	DrainageF	Culvert_W
3	#####	hydro 201	895b			Round	Galv. steel	DitchRelief	18 in
4	#####	hydro 201	2801			Round	Galv. steel	DitchRelief	12
5	#####	hydro 201	2860		na	Round	Galv. steel	DitchRelief	18
6	#####	hydro 201	2860		na	Round	Galv. steel	StreamAlign	18
7	#####	hydro 201	2860		na	Round	Galv. steel	StreamAlign	24
8	#####	hydro 201	2860		na	box	wood	StreamAlign	24
9	#####	hydro 201	2860		na	box	wood	StreamAlign	24
10	#####	Hydro Lovi	2820		na	Round	Galv. steel	StreamAlign	48
11	#####	2017 hydro	317		Mathias Cr	bottom	Galv. steel	StreamAlign	9
12	#####	DA and SM	5271C		unknown	Round	Galv. steel	StreamAlign	2'
13	#####	DA and SM	5271C		unknown	Round	Galv. steel	StreamAlign	16'''
14	#####	hydro 201	5227			Round	Galv. steel	DitchRelief	18 in
15	#####	hydro 201	5227			Round	Galv. steel	DitchRelief	18
16	#####	hydro 201	5227			Round	Galv. steel	DitchRelief	18
17	#####	hydro 201	5227			Round	Galv. steel	DitchRelief	18
18	#####	hydro 201	5227			Round	Galv. steel	DitchRelief	18
19	#####	hydro 201	5227			Round	Galv. steel	DitchRelief	18
20	#####	hydro 201	5227			Round	Galv. steel	DitchRelief	18
21	#####	hydro 201	5227			Round	Galv. steel	DitchRelief	18
22	#####	hydro 201	5227			Round	Galv. steel	DitchRelief	18
23	#####	hydro 201	5250		unknown	Round	Galv. steel	StreamAlign	2'
24	#####	hydro 201	5250		unknown	Round	Galv. steel	StreamAlign	1.5
25	#####	hydro 201	5250		unknown	Round	Galv. steel	StreamAlign	2'
26	#####	hydro 201	5250		unknown	Round	Galv. steel	StreamAlign	18'''
27	#####	hydro 201	5250		unknown	Round	Galv. steel	StreamAlign	1.5'
52	#####	hydro 201	1675	MooseCre		Round	Galv. steel	StreamAlign	24
57	#####	hydro 201	1684	Coal Creel	na	Round	Galv. steel	StreamAlign	18
58	#####	hydro 201	1684	Coal Creel	na	Round	Galv. steel	StreamAlign	18

Culvert_Ht	CM	Length	BFW__ft_	US_Fill_he	DS_fill_He	Cleaned_T	Inlet_Bloc	Inlet_Blw_	Outlet_Blv	Outlet_Drc
18in		27			6	10 No	No			
	12	20			3	10 No	No			
	18	30			2	4 No	No			
	18	30	7		2	3 No	No	No	Drop	0.5 to 1 ft
	24	35	6		0	6 No	Yes	No	Drop	>1 ft
	24	35	8		3	8 No	No	No	No	None
	24	30	9		5	10 No	No	No	No	None
	48	30	10		8	10 No	No	No	Drop	>1 ft
	4	43	24		7	8 Yes	No	No	No	None
2'	40'	40'''	6'		6'	Yes	No	No	No	None
16'''	33'	2'	4'		6'	Yes	No	Yes	Drop	0.5 to 1 ft
18 in	?				10	50 No	No			
	18 55 ft				3	25 No	Yes			
	18	50			2	25 No	No			
	18	40			3	15 No	No			
	18	30			2	8 No	No			
	18	30			2	10 No	No			
	18	30			2	5 No	No			
	18	40			3	20 No	Yes			
	18	42			3	18 No	No			
2'	>100'	5'	16'		51'	No	No	Yes	No	None
	1.5 ~50'		2		3	33 No	No	No	No	None
2'	69'	7'	6'			18 No	No	No	Drop	0.5 to 1 ft
18'''		90 6'			2	39 No	No	No	Drop	>1 ft
1.5'	48'	3'			4	24 No	No	Yes	No	0.5 to 1 ft
	24	20	5		3	4 No	No	No	No	None
	18	30	3		1	3 No	No	No	Drop	0.5 to 1 ft
	18	25	3		1	5 No	No	Yes	Drop	0.5 to 1 ft

Inlet_Rust	Ponding_C	Culvert_D	Channel_A	Diversion_	Upstream_	US_Floata	StrmbedM	Notes
	No	No Damag	1 way					stable-dull ditch relief
	No	No Damag	1 way					stable-dull ditch relief
	Yes	No Damag	1 way					stable-dull water runn
Yes	No	No Damag < 25 degre	1 way	Yes	No			stable-dull
Yes	No	Flow Aroui > 25 degre	1 way	Yes	No			stable-dull flow aroun
No	No	Other < 25 degre	None	Yes	No			stable-dull totally fail
No	No	Other < 25 degre	None	Yes	No			stable-dull failed box
No	No	No Damag < 25 degre	1 way	Yes	No			stable-dull huge pond
No	Yes	No Damag < 25 degre	None	Yes	No			mobile-bri
No	No	No Damag < 25 degre	1 way	Yes	No			mobile-bri; roadside d
Yes	No	No Damag < 25 degre	1 way	Yes	No			stable-dull roadside d
	No	Crushed oi	1 way					stable-dull dry ditch r
	No	Crushed In	1 way					stable-dull dry ditch r
	No	No Damag	1 way					stable-dull dry ditch r
	No	Crushed oi	1 way					stable-dull dry ditch r
	No	No Damag	1 way					stable-dull dry ditch r
	No	No Damag	1 way					stable-dull dry ditch r
	No	No Damag	1 way					stable-dull
	No	No Damag	1 way					stable-dull burried pip
	No	No Damag	1 way					stable-dull inlet vegge
Yes	Yes	Crushed oi > 25 degre	None	Yes	No			mobile-bri; stream div
No	Yes	No Damag < 25 degre	1 way	Yes	No			stable-dull
No	Yes	No Damag < 25 degre	1 way	Yes	No			stable-dull
Yes	No	No Damag < 25 degre	1 way	Yes	No			stable-dull
Yes	Yes	Crushed In < 25 degre	1 way	Yes	No			mobile-bri
Yes	No	No Damag < 25 degre	None	Yes	No			stable-dull
Yes	Yes	Bent > 25 degre	1 way	Yes	No			stable-dull buckled
No	Yes	No Damag > 25 degre	1 way	Yes	No			stable-dull stream anc

Culvert_In	Culvert_Ou	Other_1	Other_2	Max_PDO	Max_HDO	Corr_Type
IMG12114.jpg	IMG13115.jpg			8	4.8	Postproces
IMG12142.jpg	IMG13143.jpg			4	2.7	Postproces
IMG25370.jpg	IMG26371.jpg			5.8	2	Postproces
IMG25372.jpg	IMG26373.jpg			6.1	2.1	Postproces
IMG25374.jpg	IMG26375.jpg			10.4	3.3	Postproces
IMG26378.jpg	IMG25379.jpg			111.6	75.2	Postproces
IMG25380.jpg	IMG26381.jpg			35.1	15	Postproces
IMG25385.jpg	IMG27386.jpg	IMG26387.jpg		2.8	1.5	Postproces
IMG15230.jpg	IMG14231.jpg			6.1	5.5	Postproces
IMG13110.jpg	IMG12111.jpg			6.9	1.9	Postproces
IMG12112.jpg	IMG13113.jpg			3.3	1.8	Postproces
IMG12124.jpg	IMG13125.jpg			2.8	1.6	Postproces
IMG12126.jpg	IMG13127.jpg			2.2	1.4	Postproces
IMG13128.jpg	IMG12129.jpg			3.2	2.1	Postproces
IMG13130.jpg	IMG12131.jpg			3.3	2.3	Postproces
IMG12132.jpg	IMG13133.jpg			3.5	2.3	Postproces
IMG13134.jpg	IMG12135.jpg			3	1.7	Postproces
IMG12136.jpg	IMG13137.jpg			2.5	1.6	Postproces
IMG12138.jpg	IMG13139.jpg			4.2	2	Postproces
IMG12140.jpg	IMG13141.jpg			3.4	1.7	Postproces
IMG13148.jpg	IMG14149.jpg			5.3	3.1	Postproces
IMG13152.jpg	IMG14153.jpg			3.2	2	Postproces
IMG13154.jpg	IMG14155.jpg			3.3	2.2	Postproces
IMG15158.jpg	IMG13159.jpg			8.6	5.5	Postproces
IMG13160.jpg	IMG15161.jpg			2	1.3	Postproces
IMG25337.jpg	IMG26338.jpg			3.5	2.5	Postproces
MG17302.jpg	IMG19303.jpg			2.9	1.3	Postproces
IMG19306.jpg	IMG17307.jpg			11.3	10.5	Postproces

Rcvr_Type	GPS_Date	GPS_Time	Update_St	Feat_Nam	Datafile	Filt_Pos	Data_Dicti	GNSS_Heig	Vert_Prec
Juno Serie: #####	11:42:19a	New		Culvert	895B.cor	30	FNFCulvert	1518.043	3.8
Juno Serie: #####	03:31:38p	New		Culvert	2081.cor	22	FNFCulvert	1485.355	2.4
Juno Serie: #####	10:00:09a	New		Culvert	SB 8 29.co	15	FNFCulvert	1174.602	3.8
Juno Serie: #####	10:08:31a	New		Culvert	SB 8 29.co	17	FNFCulvert	1187.516	15.1
Juno Serie: #####	10:14:33a	New		Culvert	SB 8 29.co	19	FNFCulvert	1195.784	6.8
Juno Serie: #####	11:48:17a	New		Culvert	SB 8 29.co	19	FNFCulvert	1504.65	10.5
Juno Serie: #####	12:09:24p	New		Culvert	SB 8 29.co	13	FNFCulvert	1432.897	6.1
Juno Serie: #####	02:01:08p	New		Culvert	SB 8 29.co	13	FNFCulvert	1586.273	2.3
Juno Serie: #####	12:55:38p	New		Culvert	BIGCREEK/	31	FNFCulvert	1618.493	1.9
Juno Serie: #####	04:44:10p	New		Culvert	NFSTREAM	36		1169.276	2.3
Juno Serie: #####	04:56:44p	New		Culvert	NFSTREAM	40		1167.008	1.8
Juno Serie: #####	12:38:31p	New		Culvert	BIG CREEK	21		1644.275	1.7
Juno Serie: #####	01:02:56p	New		Culvert	BIG CREEK	21		1605.226	48.7
Juno Serie: #####	01:15:52p	New		Culvert	BIG CREEK	21		1592.836	3.7
Juno Serie: #####	01:24:44p	New		Culvert	BIG CREEK	21		1582.001	1.7
Juno Serie: #####	01:30:11p	New		Culvert	BIG CREEK	20		1570.966	2.4
Juno Serie: #####	01:35:58p	New		Culvert	BIG CREEK	21		1568.432	2.1
Juno Serie: #####	01:40:28p	New		Culvert	BIG CREEK	20		1564.385	1.9
Juno Serie: #####	02:09:01p	New		Culvert	BIG CREEK	22		1510.336	2.7
Juno Serie: #####	02:15:56p	New		Culvert	BIG CREEK	23		1502.993	1.9
Juno Serie: #####	10:44:12a	New		Culvert	COALCREE	22	FNFCulvert	1628.192	2.3
Juno Serie: #####	11:04:08a	New		Culvert	COALCREE	57	FNFCulvert	1632.927	2.3
Juno Serie: #####	11:19:11a	New		Culvert	COALCREE	21	FNFCulvert	1635.416	21.4
Juno Serie: #####	11:38:46a	New		Culvert	COALCREE	21	FNFCulvert	1639.289	4.5
Juno Serie: #####	11:51:50a	New		Culvert	COALCREE	23	FNFCulvert	1630.181	1.9
Juno Serie: #####	01:08:47p	New		Culvert	NINKO 731	14	FNFCulvert	1250.246	3
Juno Serie: #####	03:00:57p	New		Culvert	NORTH FO	11	FNFCulvert	1616.126	101.1
Juno Serie: #####	03:11:19p	New		Culvert	NORTH FO	13	FNFCulvert	1627.015	2.9

Horz_Prec	Std_Dev	Latitude	Longitude	Point_ID
3.6	0.001578	48.2492	-114.001	1
2	0.000973	47.93823	-113.699	9
2.3	0.000806	48.2975	-113.986	3
9.8	0.001851	48.29736	-113.984	4
3	0.00089	48.2973	-113.984	5
5.6	0.002573	48.28719	-113.992	7
3.9	0.000279	48.28951	-113.991	8
2.1	0.000665	47.81198	-113.639	15
3	0.002332	48.64997	-114.467	9
2.6	0.000093	48.51007	-114.166	1
1.6	0.0026	48.50946	-114.166	2
2	0.000257	48.71283	-114.46	3
31.1	0.003228	48.71203	-114.447	4
4.9	0.000194	48.71098	-114.443	5
2.1	0.000712	48.71038	-114.441	6
2.9	0.001666	48.7101	-114.441	7
2.3	0.000561	48.70973	-114.44	8
2	0.000572	48.70936	-114.439	9
2.8	0.000794	48.70747	-114.437	10
1.9	0.000299	48.70717	-114.435	11
2.2	0.00094	48.70689	-114.492	2
2.9	0.000087	48.70811	-114.489	4
9.2	0.001126	48.70871	-114.488	5
5.2	0.000142	48.7096	-114.485	7
2.5	0.00023	48.7103	-114.48	8
3.1	0.000742	48.82419	-114.403	1
155.1	0.000111	48.6864	-114.511	6
4.4	0.000347	48.685	-114.513	8

Road#	OBJECTID	FireName	roadORtra	TrailFeatu	RDfeature	Condition	Comments	Photo1
549L	7	BearCreek	road		WaterBar	functional	excavated	IMG38774.jpg
549M	9	BearCreek	road		WaterBar	functional	excavated	IMG38780.jpg
549L	10	BearCreek	road		CMP	nonfunctioning	buried in	IMG40785.jpg
2820U	15	BearCreek						IMG0176.jpg

Photo2	Photo3	Max_PDO	Max_HDO	Corr_Type	Rcvr_Type	GPS_Date	GPS_Time	Update_St
IMG39775.jpg	IMG40776.jpg	4.6	1.7	Postproce	Juno Serie	#####	10:51:53a	New
IMG39781.jpg	IMG40782.jpg	4.1	1.6	Postproce	Juno Serie	#####	11:29:40a	New
IMG38786.jpg	IMG39787.jpg	4.4	2.3	Postproce	Juno Serie	#####	11:59:10a	New
IMG5177.jpg	IMG6178.jpg	2.7	1.5	Postproce	Juno Serie	#####	03:05:33p	New

Feat_Nam	Datafile	Filt_Pos	Data_Dicti	GNSS_Heig	Vert_Prec	Horz_Prec	Std_Dev	Latitude	Longitude
Drainage	BEARBAER	31	BAERhydra	1325.284	6.3	4.4	0.00056	47.82192	-113.527
Drainage	BEARBAER	36	BAERhydra	1390.45	3	2.7	0.000803	47.82465	-113.525
Drainage	BEARBAER	32	BAERhydra	1310.037	1.7	1.8	0.000884	47.81839	-113.524
BMPneeded	R091414A	21	BAERhydra	1464.388	2.7	2.7	0.000146	47.82119	-113.594

Point_ID	Issue	Comment
12		
14		
16		
2	Imminent	switch back and spring

OBJECTID	Flow_Pres	Side_Slope	Condition	US_BFW__	X_ing_BFW	DS_BFW__	Removed_	Comment
1	Yes	Grass	No probler	8	4	8	Uphill side	
2	Yes	Grass	No probler	8	4	8	Uphill side	
3	Yes	Rip rap	No probler	5	3.5	5	Uphill side	
4	Yes	Grass	No probler	3	3	3	No pile	modt h2o :
5	Yes	Grass	No probler 5'	1'	1'		No pile	
40	Yes	Rip rap	No probler	12	15	20	Along road bridge four	
41	Yes	Grass	Flow unde	1	1	1	No pile	
42	Yes	Grass	Erosion	1	1	1	No pile	
45	Yes	Grass	No probler	2	2	0	No pile	subs out fl
46	Yes	Logs	No probler	7	12	7	No pile	pulled brid
49	Yes	None	No probler	2	2	2	Downhill s	water flow

Photo_1	Photo_2	Photo_3	Photo_4	Max_PDOI	Max_HDOI	Corr_Type	Rcvr_Type
IMG25382.jpg	IMG26383.jpg			7.6	5.4	Postproce	Juno Serie
IMG25382.jpg	IMG26383.jpg			7.6	5.4	Postproce	Juno Serie
IMG14146.jpg	IMG13147.jpg			4.5	2.8	Postproce	Juno Serie
IMG13150.jpg	IMG14151.jpg			3.2	2	Postproce	Juno Serie
IMG13156.jpg	IMG15157.jpg			3.6	2.2	Postproce	Juno Serie
IMG25351.jpg	IMG26352.jpg	IMG27353.jpg		3.6	2.2	Postproce	Juno Serie
IMG25354.jpg	IMG26355.jpg			1.6	0.9	Postproce	Juno Serie
IMG25356.jpg	IMG26357.jpg			1.8	1.1	Postproce	Juno Serie
IMG17304.jpg	IMG19305.jpg			2.9	1.6	Postproce	Juno Serie
IMG17308.jpg	IMG19309.jpg			85.5	30.7	Postproce	Juno Serie
IMG17314.jpg	IMG19315.jpg			5.9	1.7	Postproce	Juno Serie

GPS_Date	GPS_Time	Update_St	Feat_Nam	Datafile	Filt_Pos	Data_Dicti	GNSS_Heig	Vert_Prec	Horz_Prec
#####	03:19:55p	i New	Excavate	SB 8 29.co	19	FNFCulvert	1330.096	6.2	7
#####	03:19:55p	i New	Excavate	SB 8 29.co	19	FNFCulvert	1330.096	6.2	7
#####	10:16:12a	i New	Excavate	COALCREE	23	FNFCulvert	1582.214	8.7	6.3
#####	10:49:27a	i New	Excavate	COALCREE	21	FNFCulvert	1627.641	2.3	2.2
#####	11:26:11a	i New	Excavate	COALCREE	21	FNFCulvert	1635.243	2.3	2.7
#####	09:36:32a	i New	Excavate	NINKO 731	13	FNFCulvert	1397.125	2.1	2.1
#####	10:10:56a	i New	Excavate	NINKO 731	15	FNFCulvert	1298.364	5.6	6.8
#####	10:17:50a	i New	Excavate	NINKO 731	15	FNFCulvert	1274.383	7.4	8.7
#####	03:05:22p	i New	Excavate	NORTH FO	11	FNFCulvert	1673.175	107	157.3
#####	03:19:39p	i New	Excavate	NORTH FO	10	FNFCulvert	1640.535	24.6	12
#####	03:49:18p	i New	Excavate	NORTH FO	10	FNFCulvert	1590.975	3.6	3.4

Std_Dev	Latitude	Longitude	Point_ID
0.00151	48.17039	-113.801	9
0.00151	48.17039	-113.801	9
0.000504	48.70442	-114.501	1
0.000723	48.70692	-114.492	3
0.000363	48.70934	-114.486	6
0.000504	48.83013	-114.463	8
0.000823	48.85395	-114.415	9
0.000824	48.85517	-114.415	10
0.000091	48.68503	-114.513	7
0.004209	48.68193	-114.515	9
0.000599	48.68818	-114.51	12

OBJECTID	Feature	Erosion_FeGate_Conc	Photo_1	Photo_2	Photo_3	Comments
7	Other		IMG15435.jpg			terminus of culvert
8	Other		IMG15434.jpg			Terminus of culvert
9	Erosional/^ Road Surfa		IMG15452.jpg			water bubbling up
11						
12	Erosional/^ Road Surfa		IMG25366.jpg	IMG26367.jpg		scour on rd for wel
13	Erosional/^ Road Surfa		IMG25368.jpg	IMG26369.jpg		ditch blocked befor
14	Erosional/^ Road Surfa		IMG25376.jpg	IMG26377.jpg		skid rd above 2860
15	Berm/Oth		IMG25384.jpg			berm all culv pullec
17	Other		IMG17508.jpg			obliterated
20	Erosional/^ Road Surfa		IMG25358.jpg	IMG26359.jpg		water on road. roa

Max_PDO	Max_HDO	Corr_Type	Rcvr_Type	GPS_Date	GPS_Time	Update_St	Feat_Nam	Datafile	Filt_Pos
2.5	1.5	Postproce	Juno Serie	#####	12:42:33p	New	Other_PO	YCC N ROC	24
3.6	2	Postproce	Juno Serie	#####	01:44:35p	New	Other_PO	R071307A	22
5.6	4	Postproce	Juno Serie	#####	09:48:02a	New	Other_PO	FNFCULVE	23
2.5	1.7	Postproce	Juno Serie	#####	03:43:23p	New	Other_PO	YEW CREEI	21
5.5	2.1	Postproce	Juno Serie	#####	09:49:52a	New	Other_PO	SB 8 29.co	18
5.4	1.9	Postproce	Juno Serie	#####	09:54:55a	New	Other_PO	SB 8 29.co	18
5.7	1.5	Postproce	Juno Serie	#####	10:24:53a	New	Other_PO	SB 8 29.co	10
2.4	1.3	Postproce	Juno Serie	#####	03:33:42p	New	Other_PO	SB 8 29.co	10
1.6	0.9	Postproce	Juno Serie	#####	01:14:07p	New	Other_PO	HH 9-26.cc	11
2.2	1.2	Postproce	Juno Serie	#####	10:36:20a	New	Other_PO	NINKO 731	11

Data_Dicti	GNSS_Height	Vert_Prec	Horz_Prec	Std_Dev	Latitude	Longitude	Point_ID	RoadMoist	Descriptio
FNFCulvert	1790.594	5.2	4.8	0.001882	47.3614	-113.778	9		
FNFCulvert	1745.797	2.1	2.1	0.001246	47.36414	-113.778	10		
FNFCulvert	1237.767	6.2	6.9	0.000926	47.51561	-113.809	9		
WEPP Road	1095.891	6.7	5.3	0.001093	47.89039	-113.884	1	No	road veget
FNFCulvert	1159.577	2.4	2.3	0.000888	48.29703	-113.988	1		
FNFCulvert	1171.406	4.4	3.8	0.000514	48.29745	-113.986	2		
FNFCulvert	1183.344	5.1	3.3	0.000728	48.29726	-113.985	6		
FNFCulvert	1255.419	3.9	4.4	0.000085	48.17222	-113.797	11		
FNFCulvert	1099.514	1.5	1.6	0.0002	48.297	-113.818	2		
FNFCulvert	1269.18	11.2	11.9	0.000616	48.85778	-114.417	11		

Photo1 Photo2

T:\FS\NFS\

Road#	FID	Type	Condition	inlet	outlet	road	Notes
1604	0	ditch relief	FullyFunctioning	IMG14212.jpg	IMG16213.jpg	IMG15214.jpg	ditch relief
1604	1	ditch relief	NonFunctioning	IMG16215.jpg	IMG15216.jpg	IMG14217.jpg	inlet buried
1604	2	ditch relief	PartiallyFunctioning	IMG15218.jpg	IMG16219.jpg	IMG14220.jpg	inlet mostly buried
1604	3	ditch relief	PartiallyFunctioning	IMG14221.jpg	IMG16222.jpg	IMG15223.jpg	inlet occulted
1604	4	ditch relief	NonFunctioning	IMG15224.jpg	IMG16225.jpg	IMG14226.jpg	outlet buried
1604	5	ditch relief	FullyFunctioning	IMG15227.jpg	IMG16228.jpg	IMG14229.jpg	

Max_PDO	Max_HDO	Corr_Type	Rcvr_Type	GPS_Date	GPS_Time	Update_St	Feat_Nam	Datafile	Filt_Pos
3.1	2	Postproce	Juno Serie	#####	02:42:09p	New	Drainage	BIG CREEK	31
4.3	3.1	Postproce	Juno Serie	#####	02:51:10p	New	Drainage	BIG CREEK	31
5.5	2.1	Postproce	Juno Serie	#####	02:57:08p	New	Drainage	BIG CREEK	31
3.8	1.5	Postproce	Juno Serie	#####	03:06:36p	New	Drainage	BIG CREEK	33
7	1.9	Postproce	Juno Serie	#####	03:18:30p	New	Drainage	BIG CREEK	31
3.9	2.1	Postproce	Juno Serie	#####	03:38:48p	New	Drainage	BIG CREEK	31

Data_Dicti	GNSS_Height	Vert_Prec	Horz_Prec	Std_Dev	Latitude	Longitude	Point_ID
1773.049	2	1.9	0.00151	48.6809	-114.464	3	
1765.056	6	4.1	0.001795	48.68046	-114.461	4	
1770.36	2.5	2	0.001784	48.68038	-114.458	5	
1778.724	2.7	2.4	0.000526	48.6796	-114.455	6	
1763.296	78	45.7	0.001109	48.6804	-114.462	7	
1771.632	6.7	4.6	0.003745	48.67937	-114.477	8	

OBJECTID	Observer	Road_ID	Road_Surf	Design	Surface	Traffic	RdGradien	rd_width_1	FillGradie
1	hydro 201	9716	>25% gras	OU	n	n	5	14	0.3
6	Hydro 201	316	0-25%	OU	g	h	1	17	24
7	Hydro 201	316	0-25%	OU	g	h	1	17	5
11	Hydro 201	316	0-25%	OU	g	h	1	15	1
12	hydro 201	316	0-25%	OU	g	h	1	15	1
16	hydro 201	10753	>25% woo	OR	n	n	1	3	1
17	hydro 201	10754	>25% woo	OR	n	n	1	3	1
19	hydro 201	10753	>25% woo	OR	n	n	1	3	1
20	hydro 201	10753	>25% woo	OR	n	n	1	3	1
21	hydro 201	10753	>25% woo	OR	n	n	1	3	1
22	hydro 201	10753	>25% woo	OR	n	n	1	3	1
55	hydro 201	1604	>25% gras	OU	n	n	1	3	0.3
56	hydro 201	1604	>25% gras	OU	n	n	1	3	1

FillLength	BufferGrac	BufferLeng	RockFragrn	Notes	DrainageFt	CMP_widt	CMP_heigl	CMP_lengt	PipeSlope
1	0.3	1	20	no wepp	CMP	36	36	39	10%
6	14	7	20	All hail Lor	CMP	33	25	30	1
4	23	8	20	2sided. All	CMP	33	25	30	1
1	1	1	20	no wep	CMP	24	24	36	2
1	1	1	20	no wep	CMP	24	24	27	5
1	1	1	20	burried piç	CMP	2	2 na	na	
1	1	1	20	no wep mæ	NonEngine				
1	1	1	20	no wep, m	NonEngine				
1	1	1	20	no wep	CMP	24	24 ~50	na	
1	1	1	20	no wep	CMP	24	24	30	4
1	1	1	20	no wep, st	CMP	18	18	21	21
1	0.3	1	20	inlet mostl	CMP	24	24	13	8%
1	1	1	20		CMP	18	18	36	30%

CMPTYPE	OutletCon	FreefallHe	US_BFW_f	CMP_Conc	CMP_Occl	Erosional_	DesignCap	StreamTyp	ChannelAn
Round	At Stream	NA-at or b	6	No defects	No occlusi	None	Undersize	perennial	>75degree
na	At Stream	NA-at or b	5'8"	No defects	No occlusi	None	Undersize	ephemeral	<25degree
Round	At Stream	NA-at or b	5'8"	No defects	No occlusi	None	Undersize	ephemeral	<25degree
Round	At Stream	NA-at or b	5.5	No defects	<20% occl	None	Undersize	perennial	>75degree
Round	Freefall on 1-2 ft		5	No defects	No occlusi	None	Adequate	perennial	na
Round	Freefall on >2 ft		4	other defe	buried inle	both inlet	na	ephemeral	na
		5'6"			No occlusi	both inlet		ephemeral	
		n/a			No occlusi	both inlet		ephemeral	
Round	na	NA-at or b	7	No defects	No occlusi	None	Undersize	perennial	>75degree
Round	Freefall on >2 ft		5	No defects	<20% occl	None	Undersize	perennial	<25degree
Round	Freefall on >2 ft		3	Significant	>20% occl	None	Undersize	perennial	<25degree
Round	At Stream	NA-at or b	2	Crushed In	>20% occl	None	Undersize	perennial	25-45degr
Round	Freefall on 1-2 ft		5	No defects	<20% occl	None	Undersize	ephemeral	25-45degr

Diversion	P	Primary	Ri	Primary	Ri	2	Primary	Ri	3	Secondary	Secondary	Secondary	Secondary	Secondary
None	upstream	(inlet	rust	li	Ponding	at	CMP<66%	Inlet	not	o	Limited	or	stable	upst
None	upstream	(inlet	rust	li	no	ponding	CMP<66%	Inlet	not	o	Limited	or	stable	upst
None	upstream	(inlet	rust	li	no	ponding	CMP<66%	Inlet	not	o	Limited	or	stable	upst
1 way	upstream	(inlet	rust	li	Ponding	at	na	Inlet	not	o	Limited	or	stable	upst
2 ways	upstream	(na	na	na	na	na	na	na	na	na	na	na	na	na
None	na	na	na	na	CMP<66%	na	Upstream	[unstable	u	Upstream				
None	significant													
None	significant													
1 way	significant	(inlet	rust	li	na	na	Vegetation	Upstream	[stable	upst	Upstream			
None	upstream	(inlet	rust	li	Ponding	at	CMP<66%	Inlet	not	o	Limited	or	stable	upst
None	upstream	(na	na	na	Inlet	not	o	Limited	or	stable	upst	Upstream		
None	upstream	(inlet	rust	li	no	ponding	CMP >66%	Inlet	not	o	Limited	or	stable	upst
1 way	upstream	(inlet	rust	li	Ponding	at	CMP<66%	Inlet	not	o	Limited	or	stable	upst

RdSurface	inlet	outlet	notablefea	notablefe2	Max_PDOF	Max_HDOI
IMG15162.jpg	IMG13163.jpg				9.4	6.5
IMG744.jpg	IMG945.jpg	IMG846.jpg			2.9	1.6
IMG747.jpg	IMG848.jpg	IMG949.jpg			2.9	1.4
IMG763.jpg	IMG864.jpg	IMG965.jpg			2.4	1.4
IMG866.jpg	IMG767.jpg	IMG968.jpg			2.9	1.6
IMG782.jpg	IMG983.jpg	IMG884.jpg	IMG1085.jpg		4.2	2.2
IMG788.jpg	IMG889.jpg	IMG990.jpg	IMG1091.jpg		4.7	2.4
IMG795.jpg	IMG896.jpg	IMG997.jpg			16.2	15.9
IMG7109.jpg	IMG8110.jpg	IMG9111.jpg			6.3	3.7
IMG7121.jpg	IMG8122.jpg	IMG9123.jpg	IMG10124.jpg		7.7	2
IMG9125.jpg	IMG10126.jpg	IMG7127.jpg	IMG8128.jpg		4.3	2.3
IMG14206.jpg	IMG15207.jpg	IMG16208.jpg			2.6	1.6
IMG15209.jpg	IMG16210.jpg	IMG14211.jpg			4.7	1.9

Corr_Type	Rcvr_Type	GPS_Date	GPS_Time	Update_St	Feat_Nam	Datafile	Filt_Pos	Data_Dicti	GNSS_Len
Postproce	Juno Serie: #####	12:42:25p	New	WEPPRoac	YEW CREEK	20	WEPP Roa	0.006	
Postproce	Juno Serie: #####	09:57:34a	New	WEPPRoac	CRYSTAL C	38	WEPP Roa	0.043	
Postproce	Juno Serie: #####	10:08:49a	New	WEPPRoac	CRYSTAL C	18	WEPP Roa	0.018	
Postproce	Juno Serie: #####	12:11:52p	New	WEPPRoac	CRYSTAL C	11	WEPP Roa	0.002	
Postproce	Juno Serie: #####	12:19:19p	New	WEPPRoac	CRYSTAL C	13	WEPP Roa	0.003	
Postproce	Juno Serie: #####	10:19:55a	New	WEPPRoac	CRYSTAL C	11	WEPP Roa	0.004	
Postproce	Juno Serie: #####	11:01:49a	New	WEPPRoac	CRYSTAL C	17	WEPP Roa	0.008	
Postproce	Juno Serie: #####	11:34:35a	New	WEPPRoac	CRYSTAL C	12	WEPP Roa	0.005	
Postproce	Juno Serie: #####	01:57:50p	New	WEPPRoac	CRYSTAL C	25	WEPP Roa	0.036	
Postproce	Juno Serie: #####	03:49:47p	New	WEPPRoac	CRYSTAL C	37	WEPP Roa	0.015	
Postproce	Juno Serie: #####	04:21:25p	New	WEPPRoac	CRYSTAL C	21	WEPP Roa	0.002	
Postproce	Juno Serie: #####	01:41:35p	New	WEPPRoac	BIG CREEK	21		0.004	
Postproce	Juno Serie: #####	02:23:20p	New	WEPPRoac	BIG CREEK	31		0.01	

GNSS_3DL Line_ID	Shape_Length
0.011	1 5.9E-05
0.046	6 0.000517
0.018	7 0.000185
0.002	13 1.58E-05
0.005	14 3.64E-05
0.005	20 4.44E-05
0.012	22 9.4E-05
0.007	24 5.6E-05
0.064	30 0.000386
0.026	35 0.000165
0.002	36 1.87E-05
0.007	1 4.93E-05
0.013	2 0.000116