# Section B SURFACE AND POINT SOURCE EROSION (ROADS/SKID TRAILS)

# INTRODUCTION

The surface and point source erosion module examines the past and present soil erosion from roads and skid trails of the Mendocino Redwood Company (MRC) ownership in the Cottaneva Creek watershed, the Cottaneva Creek watershed analysis unit (WAU). This module also provides a hazard assessment of the potential for future surface and point source erosion from roads in the Cottaneva Creek WAU. The potential erosion assessment is to assist in development of mitigation measures and actions to minimize future soil erosion from the road network. The road data that is the basis for most of this analysis was collected by MRC during a road inventory of the Cottaneva Creek WAU. The erosion estimates utilize a combination of field observations and the use of the surface erosion model presented in the Standard Methodology for Conducting Watershed Analysis (Version 4.0, Washington Forest Practices).

Surface erosion is defined as the removal of soil particles from the surface of the soil. Processes such as rill erosion, sheetwash, biogenic transport (animal burrows, treefall, etc.) and ravel are considered surface erosion. Gullies, road crossing wash-outs, and large erosion features created by erosion from overland flow of water are considered point source erosion. In contrast, the largest discrete erosion events, landslides, are considered mass wasting.

This report examines road and skid trail associated surface and point source erosion delivering sediment into watercourses. Excessive levels of fine sediments from surface and point source erosion can get trapped in porous streambed gravels; and can increase water turbidity and suspended sediment concentrations. Excessive coarse sediments from point source erosion can adversely affect stream channel morphology. These can reduce the survival of salmonids in their redds or affect habitat needs and physiological characteristics of rearing salmonids. Excessive surface and point source erosion when delivered to a watercourse can also affect other downstream uses such as water supplies, agricultural diversions and recreation users. It is important that best management practices be utilized in forest management operations to minimize the impacts of surface and point source erosion.

# SURFACE AND POINT SOURCE EROSION FROM ROADS

# Methods

# Road Inventory

A road inventory of the roads with the Cottaneva Creek WAU was conducted in 2004. The road inventory consisted of traveling all roads with a Global Positioning System (GPS) unit and identifying, mapping and inventorying all major features of the road network. Some of the features that are inventoried include watercourse-crossings and crossing structures (culverts,

bridges, etc.), landings, erosion features and controllable erosion amounts (as defined below). Information relating to erosion and sediment delivery from the road inventory is analyzed in this report. Dimensions of the road network such as length, width and sediment contributing road lengths are also summarized. The road inventory collects information on the entire road infrastructure. This road infrastructure information allows for better management and tracking of the road network.

All road features (watercourse crossings, landings, road fill, etc.), during the road inventory, have the past deliverable point source erosion volume estimated for that feature. Deliverable point source erosion from a road is defined as major rills or gully erosion which is observed in close proximity to a watercourse or which showed evidence of eroding directly into a watercourse. These measurements were used to calculate the volume of point source erosion delivered from the road. The volume of erosion was converted to a weight (in tons) assuming a soil bulk density of 100 lbs/cubic foot. All observed sediment delivery from point source erosion is assumed to have occurred within the past 10 years, unless there is information otherwise.

#### Estimating controllable erosion

Future or potential point source erosion (gully or road fill wash-outs, not sheetwash) observations were also collected during the road inventory. This potential future erosion is called controllable erosion<sup>a</sup>, a term developed by the North Coast Regional Water Quality Control Board for Total Maximum Daily Load (TMDL) purposes. Typically, controllable erosion is a measure of the fill material from a road that could erode if a road feature is left un-maintained or fails in the next 40 years. The controllable erosion amount is the volume of soil that can be controlled with high design standards for a road feature (i.e. watercourse crossing, side-cast fill, etc.).

The controllable erosion sites are further designated by the potential for sediment delivery and the immediacy of treatment for the site. Both the sediment delivery potential and the treatment immediacy are ranked low, moderate, or high. The ranking of each controllable erosion site by these variables provides a hazard or risk assessment of the controllable erosion. This allows prioritization of road improvements and erosion control work based on potential point source erosion hazard.

Another important variable of potential future point source erosion from a road is the likelihood of diversion of water down the road prism. This diversion potential, as it is called, was evaluated for every watercourse crossing of every road in the Cottaneva Creek WAU. A site has a diversion potential if when the watercourse crossing plugged, dammed or failed water could be diverted out of the "natural" watercourse channel and down the road prism. Water diverted out of its "natural" channel would erode the road prism creating potentially high sediment delivery. Sites with a diversion potential can be engineered such that the diversion of water down a road prism does not occur if the watercourse crossing plugged, dammed, or failed.

A prioritization of potential point source erosion sites for the Cottaneva Creek WAU is presented (Appendix B). This prioritization is based on amount of controllable erosion of the site, the treatment immediacy, and a high diversion potential.

• Human action created the condition.

<sup>&</sup>lt;sup>a</sup> Three important points qualify the definition of controllable erosion:

<sup>•</sup> Human action can reasonably control the condition.

<sup>•</sup> Estimated potential for sediment delivery, within 40 years, is greater than 10 yd<sup>3</sup>.

#### Culvert size analysis

Proper culvert sizing is another important characteristic for consideration of road erosion potential. Culverts that do not have the capacity to pass debris, water and sediment in high flow events can plug creating road prism failures with high sediment inputs. MRC currently designs all new culvert installations to pass the 100 year flood to ensure enough capacity in the pipe to pass water, debris and sediment in high flows. To determine if culvert sizing is appropriate for existing culverts the area behind each culvert inventoried was determined from topography data in the MRC Geographic Information System (GIS). The regression equation for the North Coast region (Waananen and Crippen, 1977) is used to predict the 50 and 100 year peak flow. A culvert sizing nomograph is used to determine the appropriate size for 50 and 100 year peak flow magnitudes and the predicted size are compared to the existing culvert sizing to determine if the culvert is large enough.

The culvert sizing analysis must be interpreted carefully as it was often difficult to tell what area of watershed drained to a culvert from a map based analysis. This culvert sizing analysis is only meant to be "first cut" at determining if a culvert is properly sized. From this analysis a field visit to the site will determine if indeed the appropriate watershed drainage area was used and the culvert is indeed under-sized. The results from the culvert sizing analysis are presented in Appendix B.

#### Road surface erosion modeling

Surface erosion (sheetwash and minor rills) from roads was not directly estimated in the field. The contributing length or extent of road that delivers erosion to a watercourse is measured in the field then used for surface erosion calculations. The contributing length of a road is the length of road prism that drains water and associated eroded soil into a watercourse. Thus it defines the length of surface erosion of any particular site on the road. The model used to calculate surface erosion from roads is from the Standard Methodology for Conducting Watershed Analysis (Version 4.0, Washington Forest Practices Board) and is described below.

Surface erosion from the road surface is influenced by the amount of road traffic (high use mainline, moderate use, active secondary, etc.), the type of road surface material, precipitation, width and size of road (the more surface area to erode, the more erosion), and vegetative cover (Reid, 1981). The Standard Methodology for Conducting Watershed Analysis (Version 4.0, Washington Forest Practices Board) provides relationships based on these factors to estimate the amount of surface erosion from different road types and conditions.

Field observations from the road inventory determined the length of the road delivering sediment to a watercourse (contributing length) from individual features of the road (culverts and crossings), the road width, the road surface material and the type of road (seasonal or temporary) to aid in the surface erosion calculations.

The road inventory lacked contributing road length for road segments adjacent to a watercourse but not associated with a culvert or crossing. Using an analysis from GIS, the amount of road within 50 feet, 50-100 feet and 100-200 feet of a watercourse was determined for all road segments not associated with a culvert or crossing. It was assumed that within 50 feet, 100 percent of erosion from the road delivers sediment to a watercourse. At 50-100 feet 35 percent and at 100-200 feet 10 percent of erosion from the road was assumed to deliver sediment to a watercourse. These assumptions were based on sediment delivery ratios used in a road erosion model called SEDMOD.

The following model parameters were used to calculate surface erosion from roads in the Cottaneva Creek WAU. All of the observed roads were assumed to be older than two years and a base erosion rate of 60 tons/acre/year was applied. This initial value was altered (multiplied) by the factors of traffic on the road, cut- and fill-slope vegetation cover, road surface type, annual precipitation, and road type in an attempt to model the actual sediment volume contributed by a given road segment. The road tread width was determined in the field during the road inventory and is assumed to be 40% of the road prism. The cut- and fill-slopes are assumed to encompass 60% of the road prism; their dimensions for the surface erosion model were determined by multiplying the tread width by 1.5.

Road cut- and fill-slopes usually had approximately 50% vegetative cover, giving a cover factor of 0.37. The majority of hauling on roads occurs during drier times of the year (i.e. late spring, summer and early fall). Therefore the lowest annual precipitation category is used (<47 in. precipitation annually). In this annual precipitation category a road with at least a 6 inch rock surface is given a factor of 0.2, while a native surface road has a factor of 1.

There were 3 traffic factors used in surface erosion modeling:

- 1) *Mainline roads with moderate traffic* have a factor of 2; these roads are used for log haul traffic 2-3 times each decade.
- 2) *Seasonal roads* have a traffic factor of 1.2; these are tributary roads which receive moderate log haul traffic 1-2 years each decade and light traffic the remainder of the time.
- 3) *Temporary roads* receive a traffic factor of 0.61; these roads receive moderate log haul traffic 1-2 times per every 1-2 decades with little to no use in between.

The result of the surface erosion modeling (including the near stream surface erosion) is added to the total past point source erosion observed during the road inventory from a given road and presented as tons/year of sediment delivery (see Appendix B for erosion estimates of each road in the Cottaneva Creek WAU). For relative sediment contributions from each planning watershed for road-associated sediment input evaluation, the tons/year calculations for all roads was totaled by planning watershed and normalized by dividing by the MRC ownership, in square miles, for the planning watershed. The result is a tons/square mile of MRC ownership/year estimate of road surface and point source erosion.

# Erosion Hazard Rating

Finally, with this information each road in the Cottaneva Creek WAU is assigned an erosion hazard class. The erosion hazard class is used to classify the roads in the Cottaneva Creek WAU by their current and potential erosion hazard. The erosion hazard class was determined by the amount of erosion a road produced and the likelihood for that erosion to be delivered to a watercourse. High levels of traffic, road surface, proximity to the stream, high past point source erosion, and high modeled surface erosion all were considered when ranking roads for their erosion hazard classification. The roads with medium risk of sediment delivery and soil erosion were given a high erosion hazard classification. The roads with medium risk of sediment delivery and soil erosion were given a moderate erosion hazard classification. The roads with the lowest risk of sediment delivery and soil erosion were given a low erosion hazard classification. A description of what each erosion hazard classification means can be found in the results and discussion subsection of this report.

#### **Results and Discussion – Roads**

#### Erosion Hazard Rating

The road erosion hazard rating for each road in the Cottaneva Creek WAU is presented on Map B-1 and for each individual road in Appendix B of this report. The categorizing of roads into hazard classes is intended to identify current problem areas, consider reconstruction and prioritize maintenance. The following are the definitions for each road erosion hazard class.

<u>High Road Erosion Hazard Class</u> - These roads have the highest amount of recent deliverable surface erosion to watercourses and a high potential for future deliverable erosion. These roads can be active, abandoned or closed. Often roads in this class are close to watercourses creating a high sediment delivery potential. Erosion is typically due to long contributing road lengths or road with native surfaces near watercourses: a result of too few waterbars and/or rolling dips or lack of rock surface. Erosion may also be a product of problem areas such as watercourse crossing wash-outs, poor road drainage, plugged road watercourse crossings, water diverted down the road surface, culverts not fitted with downspouts, etc. Active roads in this class should get the highest priority for maintenance or improvements. Closed roads in this class should be avoided.

<u>Moderate Road Erosion Hazard Class</u> - These roads have moderate amounts of recent deliverable surface erosion to watercourses and potential for future deliverable erosion. These roads can be active, abandoned or closed. Erosion problems on roads in this class can usually be handled with good road maintenance. Erosion is typically from problem areas such as poor road drainage, water diverted down the road surface, culverts not fitted with downspouts, and an occasional plugged culvert or watercourse crossing wash-out. Active roads in this class should be a priority for maintenance. Closed or abandoned roads in this class will need some improvements before opening again.

<u>Low Road Erosion Hazard Class</u> - These roads have low amounts of recent deliverable surface erosion to watercourses and low potential for future deliverable erosion. These roads can be active, abandoned or closed. Active roads in this class do not need to be a priority for maintenance. Closed or abandoned roads in this class will need only some improvements before opening again.

# Road features from the road inventory

The mapped roads and road features (culverts, crossings, and landings) are presented in map B-2 for the Cottaneva Creek WAU. The associated treatment immediacy of the road feature is also shown on these maps. Potential controllable (point source) erosion sites were identified and prioritized in the Cottaneva Creek WAU. In the Cottaneva Creek WAU 88 controllable erosion sites have high treatment immediacy and 15 controllable erosion sites have moderate treatment immediacy. In addition to these controllable erosion sites 139 culverts or crossings in the Cottaneva Creek WAU have a diversion potential. These diversion potential sites need to be considered a high priority for road improvement as they can represent a significant potential point source erosion hazard. The site identification, treatment immediacy and amount of controllable erosion estimated are found in Appendix B of this report.

# Culvert size analysis

The culvert size analysis has determined that, out of a total of 155 watercourse culverts, 56 (36%) are potentially too small to pass the 50 year flood and 60 culverts (39%) will not pass the 100-year flood. The analysis of culvert sizing is only an estimate based on culvert location from the

MRC road inventory and area draining to the culvert based on MRC GIS topographic data. A field review will be required at each site to validate the culvert size analysis results and determine if the culvert is indeed under-sized. However, the identification of these culverts as under-sized is a good hypothesis to work from and provides information to address potential road problems in Cottaneva Creek WAU. These culverts identified as potentially too small need to be a high priority for upgrade if after field review the culverts are determined to be under-sized. The culvert sizing results are found in Appendix B of this report.

#### Road density

It was determined that there are 106 miles of truck roads in the Cottaneva Creek WAU (skid trails not included). This represented an average road density of 8.5 miles of road per square mile of property owned by MRC. Table B-1 breaks shows the road lengths and densities for the Cottaneva Creek WAU.

Table B-1	Road Lengths and Densi	ty by Planning	Watershed for the	Cottaneva Creek WAU
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Planning Watershed	Road Length (miles)	Contributing <sup>1</sup> Road Length (miles)	Road Density <sup>2</sup> (mi/mi <sup>2</sup> )
Cottaneva Creek WAU	105.8	15.0	8.5

<sup>1</sup>Contributing road length is defined as the amount of road potentially draining to a watercourse that could lead to a deliverable amount of surface erosion. It is determined during the road inventory. <sup>2</sup>Road density is calculated by dividing the road length by the amount of MRC-owned land within each planning watershed.

Road densities are something that should be managed for in the Cottaneva Creek WAU. Not all roads can be abandoned, but by converting many of these roads to a temporary status or putting them to bed after use, the amount of road that can contribute erosion at any given time is reduced.

# Surface and point source erosion

The surface and point source erosion estimates by planning watershed are presented in Table B-2. The breakdown of estimated erosion, road lengths and hazard rating by individual roads is in Appendix B of this report. Roads in the MRC ownership in the Cottaneva Creek WAU are estimated to generate, on average, 887 tons/mi<sup>2</sup>/yr of sediment from road-associated surface and point source erosion. This rate of erosion from roads within the Cottaneva Creek WAU is relatively moderate in comparison with other typical erosion rates on MRC land.

WAU.				
Planning Watershed	MRC Owned (sq mi)	Surface Erosion (tons/sq mi/yr)	Point Source Erosion (tons/sq mi/yr)	Total (surface + point source) (tons/sq mi/yr)
Cottaneva Creek	12.4 <sup>a</sup>	341	546	887

<u>Table B-2</u> Road Associated Surface and Point Source Erosion Estimates for the Cottaneva Creek WAU.

<sup>a</sup>Sum of property ownership within the Cottaneva Creek Planning Watershed

#### Controllable erosion

The future potential for point source erosion was evaluated in the Cottaneva Creek WAU. This potential erosion or controllable erosion was identified during the road inventory during 2004. A total of 27,300 cubic yards of controllable erosion was identified in the Cottaneva Creek WAU (Table B-3).

Table B-3. Controllable Erosion Volume Estimates by Road Feature and Treatment Immediacy for the Cottaneva Creek WAU.

	Controllable Erosion by Treatment Immediacy (yd <sup>3</sup> )						
<b>Road Feature</b>	High	Moderate	Low	Undetermined			
Culverts	6351	1081	10325	0			
Crossings	0	130	5696	0			
Landings	0	500	1112	0			
<b>Erosion Features</b>	0	0	1085	0			
Road slides	0	0	1020	0			
Total	6351	1711	19238	0			

The majority of controllable erosion (by volume) is at culverts and crossings. There are a total of 1261 controllable erosion sites within the Cottaneva Creek WAU (Table B-4). Appendix B contains more details for each feature.

Road Feature	High	Moderate	Low	Undetermined
Culverts	88	10	91	18
Crossings	0	4	249	105
Landings	0	1	37	444
Erosion Features	0	0	59	7
Road slides	0	0	33	115
Total	88	15	469	689

Table B-4. Number of features by Treatment Immediacy for the Cottaneva Creek WAU.

#### Fish passage barriers in the Cottaneva Creek WAU

There are no identified barriers to fish passage in the Cottaneva Creek WAU.

#### Road Associated Erosion Control Measures for the Cottaneva Creek WAU 1998-2004

Since Mendocino Redwood Company's ownership in the Cottaneva Creek WAU (starting in 1998), MRC has conducted erosion control and road upgrade work to address and improve road erosion sites. The initial road inventory survey of Cottaneva was conducted in 2004. On-going

erosion control work has improved sedimentation conditions in Cottaneva since MRC has taken ownership of the property, but credit for treating controllable erosion sites cannot be taken since the road inventory was just completed. Map B-3 displays erosion control work completed since 2003 and Table B-5 lists recent road work completed.

THP or Project	Road Number	Site	Brief Work Description	Treated Erosion (yd <sup>3</sup> )
Dodge Ball	47-DG	none	Insloped road.	5
Dodge Ball	47-DG	new	Installed rocked ford	5
Dodge Ball	47-DG	47DG000000c20	Installed energy dissipater at culvert outlet.	5
Dodge Ball	47-DG	47DG0000000c18	Installed energy dissipater at culvert outlet.	5
Dodge Ball	47-DG	47DG000000c13	Installed energy dissipater at culvert outlet.	5
Dry Gulched	47-G3-013-09	47G30130900c4	Culvert replaced with larger size	10
Kimball Falls	47-UK	none	Removed deposit from road prism	15
Slaughterhouse 2002	47-PH-033	new	Installed energy dissipation outfall on dipped crossing	5
Slaughterhouse 2002	47-PH-047	47PH0470000x6	Installed rocked ford	5
Slaughterhouse 2002	47-PH	47PH000000x36	Installed energy dissipation outfall on dipped crossing	5
Slaughterhouse 2002	47-PH-047	47PH0470000x3	Installed rocked ford	10
Slaughterhouse 2002	47-PH-047	47PH0470000x5	Installed rocked ford	10
Slaughterhouse 2002	47-PH	none	Repair road prism	15

Table B-5. Treated Erosion by Area for the Cottaneva Creek WAU, 2004.

Treated Erosion Total for Cottaneva Creek WAU 1998 = 900 cubic yards Treated Erosion Total for Cottaneva Creek WAU 1999 = 1,800 cubic yards Treated Erosion Total for Cottaneva Creek WAU 2000 = 460 cubic yards Treated Erosion Total for Cottaneva Creek WAU 2001 = 0 cubic yards Treated Erosion Total for Cottaneva Creek WAU 2002 = 70 cubic yards Treated Erosion Total for Cottaneva Creek WAU 2003 = 1,000 cubic yards Treated Erosion Total for Cottaneva Creek WAU 2003 = 1,000 cubic yards Treated Erosion Total for Cottaneva Creek WAU 2004 = 100 cubic yards

#### Treated Erosion Total for Cottaneva Creek WAU 1998-2004 = 4,330 cubic yards

# **Potential Road Work**

Three road segments in Cottaneva Creek have been identified as potential candidates for decommissioning. These segments include roads 47-CC (South Fork Cottaneva near Kimball Creek), 47-PH-005 (south of Honky Tonk picnic area) and 47-G4 (Middle Fork Cottaneva). A detailed field evaluation of these segments will be required in order to determine whether or not decommissioning is appropriate.

# SURFACE AND POINT SOURCE EROSION FROM SKID TRAILS

#### Methods

Sediment delivery from surface and point source erosion from skid trails was determined from aerial photograph interpretation and sediment delivery estimates developed in previous MRC watershed analyses (MRC, 1998 and MRC, 2000). Aerial photographs were analyzed from the 1952, 1963, 1978, 1990 and 2000 photo years (all were 1:12,000 scale except for 1978, which was a 1:15,840 scale). The aerial photographs were used to identify skid trail activity for each decade from 1940 to the end of the 1990s. The 1978 photos were used to estimate skid trail activity for both the 1960s and 1970s.

The aerial photograph interpretation for skid trail activity consisted of determining the area harvested with ground based yarding by skid trail density (high, moderate, low) for each photo year. High-density skid trail activity is defined as having greater than 100 watercourse crossings per square mile. Moderate-density skid trail activity is defined as having between 50-100 watercourse crossings per square mile. Light skid trail density has less than 50 watercourse crossings per square mile or trails with significant re-vegetation observed in the aerial photograph.

The amount of sediment delivery from the various densities of skid trail activity was estimated from sediment delivery rates during previous watershed analyses by MRC (MRC, 1998 and MRC, 2000). A combination of surface erosion modeling and field observations of point source erosion from skid trails, from previous watershed analysis, was used to develop the skid trail estimates. High skid trail density is estimated to contribute 600 tons/square mile/year of sediment. Moderate skid trail density is estimated to contribute 400 tons/square mile/year of sediment, while low skid trail density contributing 100 tons/square mile/year. Results from the South Fork Caspar Creek in the early 1970's suggested that high density tractor logging, with practices used at that time, generated approximately 600 tons/square mile/year (Rice et. al., 1979).

For each photo year the area in each skid trail density category was multiplied by the sediment delivery rate for that density. The estimate was then divided by the MRC ownership in each Calwater planning watershed to provide a sediment rate (tons/square mile/year) for each planning watershed. The estimated rate was then assumed to represent the decade previous to the photo year observed (i.e. 1963 photos represent activity in the 1950s).

#### **Results and Discussion - Skid Trail Erosion**

The results by time period for the skid trail sediment delivery estimates are summarized in Table B-6. The estimates should be considered a minimum sediment delivery for skid trails constructed and used in the decade. Undoubtedly, some if not many, sediment delivering skid trails were vegetated enough to be overlooked during the inventory. In particular are those trails constructed or used greater than five years prior to aerial photograph reconnaissance.

Table B-6.	Skid Trail	Sediment 1	Delivery	Rates for	Cottaneva	Creek WA	U, 1940s-1990s.

Skid Trial Erosion (tons/mi <sup>2</sup> /yr)							
Planning Watershed	1940s	1950s	1960s	1970s	1980s	1990s	
Cottaneva Creek	70	10	70	70	60	45	

In the Cottaneva Creek WAU, there was little ground-based yarding observed in the aerial photographs. This low level of skid trail construction and use is estimated to contribute only low levels of sediment delivery (See Table B-6).

# LITERATURE CITED

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# **APPENDIX B** Surface and Point Source Erosion Module

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
				_	already
Crossing	47CC0000000x13	47-CC	low	5	diverted
	17000100000			40	already
Crossing	47CC0100000x2	47-CC-010	low	40	diverted
		(7.00		05	already
Crossing	47DG0000000x8	47-DG	low	25	diverted
	47000400000 40	17 00 040	1.	00	already
Crossing	47DG0120000x12	47-DG-012	low	20	diverted
One estimat	470000000000000000000000000000000000000	47.00	1	20	already
Crossing	47G3000000x3	47-G3	low	30	diverted
Creasing	47020120000047	47 00 010	low	10	already
Crossing	47G30130000x17	47-G3-013	low	10	diverted
Crossing	4700070400.0	47 02 027 04	low	F	already
Crossing	47G30370100x3	47-G3-037-01	low	5	diverted
Crossing	47C 4000000vE	47 C 4 000	low	1 5	already
Crossing	47G40060000x5	47-G4-006	low	15	diverted
Creasing	47G40061100x1	47 C4 006 11	low	40	already
Crossing	47 G40061100X1	47-G4-006-11	low	40	diverted
Crossing	47KC000000000	47-KG	low	25	already diverted
Crossing	47KG0000000x9	47-KG	IOW	20	already
Crossing	47KG0020000x2	47-KG-002	low	12	diverted
Crossing	47KG0020000X2	47-KG-002	IOW	12	already
Crossing	47KG0020000x4	47-KG-002	low	25	diverted
Crossing	47KG0020000X4	47-KG-002	IOW	20	already
Crossing	47KG0020000x10	47-KG-002	low	20	diverted
Crossing	471\00020000x10	47-10-002	1010	20	already
Crossing	47KG0020000x15	47-KG-002	low	10	diverted
Crossing	4/100020000010	47 110 002	1010	10	already
Crossing	47KG0020000x17	47-KG-002	low	0	diverted
Crossing	41100020000011	47 110 002	1011	0	already
Crossing	47KG0021100x9	47-KG-002-11	low	4	diverted
Crossing	4/100021100/0	47 100 002 11	1010	<b>T</b>	already
Crossing	47KG0021100x11	47-KG-002-11	low	5	diverted
Crossing	4/100021100/11	47 100 002 11	1011	0	already
Crossing	47KG0021100x13	47-KG-002-11	low	40	diverted
Crocoing	1110000211000010	11 110 002 11	1011	10	already
Crossing	47KG0120000x1	47-KG-012	low	20	diverted
Creconig	11110012000001	11 110 012	1011	20	already
Crossing	47KG0120000x6	47-KG-012	low	120	diverted
<u>erecenig</u>					already
Crossing	47KG0120000x8	47-KG-012	low	5	diverted
				-	already
Crossing	47KG0190000x2	47-KG-019	low	15	diverted
			-	-	already
Crossing	47KG0190000x4	47-KG-019	low	80	diverted
Ŭ Ŭ					already
Crossing	47KG0190000x8	47-KG-019	low	0	diverted

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					already
Crossing	47PH0000000x3	47-PH	low	40	diverted
					already
Crossing	47PH0000000x4	47-PH	low	15	diverted
					already
Crossing	47PH0000000x5	47-PH	low	40	diverted
					already
Crossing	47PH000000x7	47-PH	low	10	diverted
				_	already
Crossing	47PH0050000x3	47-PH-005	low	5	diverted
0	4711000000000000	47.110	Le	45	already
Crossing	47UG000000x8	47-UG	low	15	diverted
Creasian	44570040004.4	44 FT 004 00 04	low	40	no div.
Crossing	41ET0010201x1	41-ET-001-02-01	low	40	potential no div.
Crossing	44 SM0200000v2	44 CM 020	low	5	
Crossing	41SM0200000x2	41-SM-020	low	5	potential no div.
Crossing	41SM0200000x12	41-SM-020	low	160	
Crossing	4151010200000012	41-3101-020	IOW	160	potential no div.
Crossing	41SM0200000x24	41-SM-020	low	60	potential
Crossing	4131010200000824	41-3101-020	10 10	00	no div.
Crossing	47CC0000000x2	47-CC	low	2	potential
Crossing	47000000002	47-00	10 10	2	no div.
Crossing	47CC0000000x3	47-CC	low	5	potential
Crossing	470000000000	47-00	1010	5	no div.
Crossing	47CC0000000x4	47-CC	low	5	potential
Clossing	47000000004	11 00	1011	0	no div.
Crossing	47CC0000000x5	47-CC	low	4	potential
					no div.
Crossing	47CC0000000x6	47-CC	low	20	potential
j					no div.
Crossing	47CC0000000x7	47-CC	low	2	potential
					no div.
Crossing	47CC0000000x8	47-CC	low	10	potential
					no div.
Crossing	47CC0000000x9	47-CC	low	3	potential
					no div.
Crossing	47CC0000000x10	47-CC	low	5	potential
					no div.
Crossing	47CC0000000x11	47-CC	low	0	potential
					no div.
Crossing	47CC0000000x12	47-CC	low	30	potential
					no div.
Crossing	47CH9250600x3	47-CH-925-06	low	100	potential
					no div.
Crossing	47DG000000x9	47-DG	low	8	potential
					no div.
Crossing	47DG0000000x19	47-DG	low	10	potential

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					no div.
Crossing	47DG0020500x4	47-DG-002-05	low	10	potential
			_		no div.
Crossing	47DG0060000x4	47-DG-006	low	15	potential
				2	no div.
Crossing	47DG0060000x5	47-DG-006	low	8	potential
Creasing	4700010100001	47 DC 012 10	low	0	no div.
Crossing	47DG0121000x1	47-DG-012-10	low	0	potential no div.
Crossing	47G30000000x1	47-G3	low	20	potential
Crossing	47 03000000001	47-03	10 W	20	no div.
Crossing	47G3000000x2	47-G3	low	10	potential
Crossing	47 0000000002	47 00	1011	10	no div.
Crossing	47G3000000x4	47-G3	low	25	potential
<u>erecenig</u>					no div.
Crossing	47G30000000x6	47-G3	low	15	potential
					no div.
Crossing	47G3000000x7	47-G3	low	6	potential
					no div.
Crossing	47G3000000x8	47-G3	low	8	potential
					no div.
Crossing	47G30040000x1	47-G3-004	low	10	potential
					no div.
Crossing	47G30060000x1	47-G3-006	low	15	potential
					no div.
Crossing	47G30060000x2	47-G3-006	low	5	potential
			_	_	no div.
Crossing	47G30060000x3	47-G3-006	low	5	potential
	470000000000	47 00 000	Levi-	10	no div.
Crossing	47G30060000x4	47-G3-006	low	10	potential
Crossing	47G30060000x5	47-G3-006	low	12	no div.
Crossing	476300000000	47-03-000	IOW	12	potential no div.
Crossing	47G30060000x6	47-G3-006	low	5	potential
Crossing	47 0000000000	47 00 000	1011	5	no div.
Crossing	47G30060000x7	47-G3-006	low	5	potential
Croconig	11 000000000		1011	0	no div.
Crossing	47G30060000x8	47-G3-006	low	5	potential
			-		no div.
Crossing	47G30060000x9	47-G3-006	low	15	potential
Ť					no div.
Crossing	47G30130000x4	47-G3-013	low	0	potential
					no div.
Crossing	47G30130000x7	47-G3-013	low	15	potential
	_	_			no div.
Crossing	47G30130000x9	47-G3-013	low	2	potential
	47000400000 40	17 00 010		-	no div.
Crossing	47G30130000x13	47-G3-013	low	5	potential

Crossing         47G30130000x14         47-G3-013         low         4         potential no div.           Crossing         47G30130900x1         47-G3-013-09         low         5         potential           Crossing         47G30130900x3         47-G3-013-09         low         15         potential           Crossing         47G30130900x3         47-G3-013-09-02         low         12         potential           Crossing         47G30210000x2         47-G3-021         low         10         potential           Crossing         47G30210000x3         47-G3-021         low         12         potential           Crossing         47G30210000x6         47-G3-021         low         30         potential           Crossing         47G30210000x7         47-G3-021         low         8         potential           Crossing         47G30210000x7         47-G3-021         low         8         potential           Crossing         47G30220000x3         47-G3-022         low         10         potential           Crossing         47G30220000x3         47-G3-022         low         10         potential           Crossing         47G30370000x4         47-G3-037         low         25	Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Crossing         47G30130900x1         47-G3-013-09         low         5         potential no div.           Crossing         47G30130900x3         47-G3-013-09         low         15         potential           Crossing         47G30130900x1         47-G3-013-09-02         low         12         potential           Crossing         47G30210000x2         47-G3-021         low         10         potential           Crossing         47G30210000x3         47-G3-021         low         12         potential           Crossing         47G30210000x4         47-G3-021         low         30         potential           Crossing         47G30210000x7         47-G3-021         low         30         potential           Crossing         47G30210600x1         47-G3-021         low         8         potential           Crossing         47G30210600x1         47-G3-022         low         8         potential           Crossing         47G30220000x3         47-G3-022         low         8         potential           Crossing         47G30370000x4         47-G3-037         low         25         potential           Crossing         47G40020000x8         47-G4-006         low         15         p						no div.
Crossing         47G30130900x1         47-G3-013-09         low         5         potential no div.           Crossing         47G30130900x3         47-G3-013-09         low         15         potential no div.           Crossing         47G30130902x1         47-G3-013-09-02         low         12         potential no div.           Crossing         47G30210000x2         47-G3-021         low         10         potential no div.           Crossing         47G30210000x6         47-G3-021         low         12         potential no div.           Crossing         47G30210000x6         47-G3-021         low         30         potential no div.           Crossing         47G30210000x7         47-G3-021         low         8         potential no div.           Crossing         47G30210600x1         47-G3-021-06         low         10         potential no div.           Crossing         47G30220000x3         47-G3-022         low         8         potential no div.           Crossing         47G30220000x4         47-G3-037         low         25         potential no div.           Crossing         47G40020000x4         47-G3-037         low         30         potential no div.           Crossing         47G40060000x1 <td>Crossing</td> <td>47G30130000x14</td> <td>47-G3-013</td> <td>low</td> <td>4</td> <td></td>	Crossing	47G30130000x14	47-G3-013	low	4	
Crossing         47G30130900x3         47-G3-013-09         low         15         petential           Crossing         47G30130900x1         47-G3-013-09-02         low         12         potential           Crossing         47G30210000x2         47-G3-021         low         10         potential           Crossing         47G30210000x3         47-G3-021         low         10         potential           Crossing         47G30210000x6         47-G3-021         low         30         potential           Crossing         47G30210000x7         47-G3-021         low         8         potential           Crossing         47G30210600x1         47-G3-021         low         8         potential           Crossing         47G30210600x1         47-G3-021         low         8         potential           Crossing         47G30220000x3         47-G3-022         low         10         potential           Crossing         47G30220000x3         47-G3-022         low         10         potential           Crossing         47G30370000x4         47-G3-037         low         25         potential           Crossing         47G40020000x8         47-G4-002         low         15         potential </td <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td>					_	
Crossing         47G30130900x3         47-G3-013-09         low         15         potential           Crossing         47G30130902x1         47-G3-013-09-02         low         12         potential           Crossing         47G30210000x2         47-G3-021         low         10         potential           Crossing         47G30210000x3         47-G3-021         low         12         potential           Crossing         47G30210000x6         47-G3-021         low         12         potential           Crossing         47G30210000x7         47-G3-021         low         30         potential           Crossing         47G30210000x7         47-G3-021         low         8         potential           Crossing         47G30210600x1         47-G3-021         low         8         potential           Crossing         47G3022000x3         47-G3-022         low         10         potential           Crossing         47G3022000x4         47-G3-022         low         8         potential           Crossing         47G40302000x4         47-G3-022         low         10         potential           Crossing         47G4002000x4         47-G4-002         low         15         potential	Crossing	47G30130900x1	47-G3-013-09	low	5	
no div.           Crossing         47G30130902x1         47-G3-013-09-02         low         12         potential           Crossing         47G30210000x2         47-G3-021         low         10         potential           Crossing         47G30210000x3         47-G3-021         low         12         potential           Crossing         47G30210000x6         47-G3-021         low         30         potential           Crossing         47G30210000x7         47-G3-021         low         30         potential           Crossing         47G30210600x7         47-G3-021         low         8         potential           Crossing         47G30210600x1         47-G3-021-06         low         10         potential           Crossing         47G30220000x3         47-G3-022         low         8         potential           Crossing         47G30220000x9         47-G3-022         low         10         potential           Crossing         47G30370000x4         47-G3-037         low         25         potential           Crossing         47G40060000x2         47-G4-006         low         15         potential           Crossing         47G40060000x4         47-G4-006         low <td>. ·</td> <td>17000100000</td> <td></td> <td></td> <td>4 -</td> <td></td>	. ·	17000100000			4 -	
Crossing         47G30130902x1         47-G3-013-09-02         low         12         potential           Crossing         47G30210000x2         47-G3-021         low         10         potential           Crossing         47G30210000x3         47-G3-021         low         12         potential           Crossing         47G30210000x6         47-G3-021         low         30         potential           Crossing         47G30210000x7         47-G3-021         low         30         potential           Crossing         47G30210000x7         47-G3-021         low         8         potential           Crossing         47G30210600x1         47-G3-021-06         low         10         potential           Crossing         47G30220000x3         47-G3-022         low         8         potential           Crossing         47G30220000x9         47-G3-022         low         8         potential           Crossing         47G30220000x4         47-G3-037         low         25         potential           Crossing         47G40020000x4         47-G4-002         low         15         potential           Crossing         47G40060000x2         47-G4-006         low         30         potential </td <td>Crossing</td> <td>47G30130900x3</td> <td>47-G3-013-09</td> <td>IOW</td> <td>15</td> <td></td>	Crossing	47G30130900x3	47-G3-013-09	IOW	15	
o         no div.           Crossing         47G30210000x2         47-G3-021         low         10         potential           Crossing         47G30210000x3         47-G3-021         low         12         potential           Crossing         47G30210000x6         47-G3-021         low         30         potential           Crossing         47G30210000x7         47-G3-021         low         8         potential           Crossing         47G30210000x7         47-G3-021         low         8         potential           Crossing         47G30210600x1         47-G3-021         low         8         potential           Crossing         47G30220000x3         47-G3-022         low         10         potential           Crossing         47G30220000x3         47-G3-022         low         8         potential           Crossing         47G30370000x4         47-G3-037         low         25         potential           Crossing         47G40020000x8         47-G4-002         low         15         potential           Crossing         47G40060000x2         47-G4-006         low         30         potential           Crossing         47G40060000x1         47-G4-006 <td< td=""><td>Creasing</td><td>4702012000201</td><td>47 02 042 00 02</td><td>low</td><td>10</td><td></td></td<>	Creasing	4702012000201	47 02 042 00 02	low	10	
Crossing         47G30210000x2         47-G3-021         low         10         potential           Crossing         47G30210000x3         47-G3-021         low         12         potential           Crossing         47G30210000x6         47-G3-021         low         30         potential           Crossing         47G30210000x7         47-G3-021         low         30         potential           Crossing         47G30210000x7         47-G3-021         low         8         potential           Crossing         47G30210600x1         47-G3-021-06         low         10         potential           Crossing         47G30220000x3         47-G3-022         low         8         potential           Crossing         47G30220000x3         47-G3-022         low         8         potential           Crossing         47G30220000x4         47-G3-022         low         10         potential           Crossing         47G40020000x4         47-G3-037         low         25         potential           Crossing         47G40020000x4         47-G4-002         low         15         potential           Crossing         47G40060000x14         47-G4-006         low         30         potential	Crossing	47G30130902X1	47-G3-013-09-02	IOW	12	
Crossing         47G30210000x3         47-G3-021         Iow         12         potential           Crossing         47G30210000x6         47-G3-021         Iow         30         potential           Crossing         47G30210000x7         47-G3-021         Iow         30         potential           Crossing         47G30210000x7         47-G3-021         Iow         8         potential           Crossing         47G30210600x1         47-G3-021-06         Iow         10         potential           Crossing         47G30220000x3         47-G3-022         Iow         8         potential           Crossing         47G30220000x3         47-G3-022         Iow         8         potential           Crossing         47G30220000x4         47-G3-022         Iow         10         potential           Crossing         47G40020000x8         47-G4-002         Iow         15         potential           Crossing         47G40060000x4         47-G4-006         Iow         30         potential           Crossing         47G40060000x11         47-G4-006         Iow         30         potential           Crossing         47G40060000x12         47-G4-006         Iow         15         potential	Crossing	47C2021000v2	47 62 021	low	10	
Crossing         47G30210000x3         47-G3-021         Iow         12         potential no div.           Crossing         47G30210000x6         47-G3-021         Iow         30         potential           Crossing         47G30210000x7         47-G3-021         Iow         8         potential           Crossing         47G30210600x1         47-G3-021         Iow         8         potential           Crossing         47G30220000x3         47-G3-021-06         Iow         10         potential           Crossing         47G30220000x3         47-G3-022         Iow         8         potential           Crossing         47G30220000x9         47-G3-022         Iow         10         potential           Crossing         47G30370000x4         47-G3-037         Iow         25         potential           Crossing         47G40020000x8         47-G4-002         Iow         15         potential           Crossing         47G40060000x2         47-G4-006         Iow         8         potential           Crossing         47G40060000x11         47-G4-006         Iow         15         potential           Crossing         47G40060000x12         47-G4-006         Iow         15         potentia	Crossing	47 9302 1000082	47-03-021	1010	10	
g         no div.           Crossing         47G30210000x6         47-G3-021         low         30         potential           Crossing         47G30210000x7         47-G3-021         low         8         potential           Crossing         47G30210600x1         47-G3-021         low         8         potential           Crossing         47G30220000x3         47-G3-022         low         8         potential           Crossing         47G30220000x9         47-G3-022         low         8         potential           Crossing         47G30220000x9         47-G3-022         low         10         potential           Crossing         47G30220000x9         47-G3-022         low         10         potential           Crossing         47G30220000x4         47-G3-037         low         25         potential           Crossing         47G40020000x8         47-G4-002         low         15         potential           Crossing         47G40060000x4         47-G4-006         low         8         potential           Crossing         47G40060000x11         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006 <t< td=""><td>Crossing</td><td>17G30210000v3</td><td>17-63-021</td><td>low</td><td>12</td><td></td></t<>	Crossing	17G30210000v3	17-63-021	low	12	
Crossing         47G30210000x6         47-G3-021         low         30         potential no div.           Crossing         47G30210000x7         47-G3-021         low         8         potential           Crossing         47G30210600x1         47-G3-021-06         low         10         potential           Crossing         47G30220000x3         47-G3-022         low         8         potential           Crossing         47G30220000x3         47-G3-022         low         8         potential           Crossing         47G30220000x9         47-G3-022         low         10         potential           Crossing         47G30370000x4         47-G3-037         low         25         potential           Crossing         47G40020000x8         47-G4-002         low         15         potential           Crossing         47G40060000x2         47-G4-006         low         8         potential           Crossing         47G40060000x11         47-G4-006         low         30         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x13         47-G4-006         low         20         potenti	Crossing	4703021000000	47-03-021	1010	12	
Crossing         47G30210000x7         47-G3-021         Iow         8         potential           Crossing         47G30210600x1         47-G3-021-06         Iow         10         potential           Crossing         47G30220000x3         47-G3-022         Iow         8         potential           Crossing         47G30220000x3         47-G3-022         Iow         8         potential           Crossing         47G30220000x9         47-G3-022         Iow         10         potential           Crossing         47G30220000x9         47-G3-022         Iow         10         potential           Crossing         47G30220000x4         47-G3-022         Iow         10         potential           Crossing         47G40020000x4         47-G3-037         Iow         25         potential           Crossing         47G40020000x8         47-G4-002         Iow         15         potential           Crossing         47G40060000x2         47-G4-006         Iow         30         potential           Crossing         47G40060000x11         47-G4-006         Iow         15         potential           Crossing         47G40060000x12         47-G4-006         Iow         20         potential	Crossing	47G30210000x6	47-G3-021	low	30	
Crossing         47G30210000x7         47-G3-021         Iow         8         potential           Crossing         47G30210600x1         47-G3-021-06         Iow         10         potential           Crossing         47G30220000x3         47-G3-022         Iow         8         potential           Crossing         47G30220000x3         47-G3-022         Iow         8         potential           Crossing         47G30220000x9         47-G3-022         Iow         10         potential           Crossing         47G30220000x9         47-G3-022         Iow         10         potential           Crossing         47G30220000x4         47-G3-037         Iow         25         potential           Crossing         47G40020000x8         47-G4-002         Iow         15         potential           Crossing         47G40060000x2         47-G4-006         Iow         8         potential           Crossing         47G40060000x11         47-G4-006         Iow         30         potential           Crossing         47G40060000x12         47-G4-006         Iow         15         potential           Crossing         47G40060000x13         47-G4-006         Iow         20         potential	Crossing	4703021000000	47-03-021	1010	50	
Crossing         47G30210600x1         47-G3-021-06         Iow         10         potential no div.           Crossing         47G30220000x3         47-G3-022         Iow         8         potential no div.           Crossing         47G30220000x9         47-G3-022         Iow         10         potential no div.           Crossing         47G30220000x9         47-G3-022         Iow         10         potential no div.           Crossing         47G30370000x4         47-G3-037         Iow         25         potential no div.           Crossing         47G40020000x8         47-G4-002         Iow         15         potential no div.           Crossing         47G40060000x2         47-G4-006         Iow         8         potential no div.           Crossing         47G40060000x4         47-G4-006         Iow         30         potential no div.           Crossing         47G40060000x11         47-G4-006         Iow         15         potential no div.           Crossing         47G40060000x12         47-G4-006         Iow         15         potential no div.           Crossing         47G40060000x13         47-G4-006         Iow         20         potential no div.           Crossing         47G40060000x14	Crossing	47G30210000x7	47-G3-021	low	8	
Crossing         47G30210600x1         47-G3-021-06         low         10         potential           Crossing         47G30220000x3         47-G3-022         low         8         potential           Crossing         47G30220000x9         47-G3-022         low         10         potential           Crossing         47G30220000x9         47-G3-022         low         10         potential           Crossing         47G30370000x4         47-G3-037         low         25         potential           Crossing         47G40020000x8         47-G4-002         low         15         potential           Crossing         47G40060000x2         47-G4-006         low         8         potential           Crossing         47G40060000x4         47-G4-006         low         30         potential           Crossing         47G40060000x11         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x13         47-G4-006         low         15         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential <td>Crossing</td> <td>41 CO02 10000XI</td> <td>47 00 021</td> <td>1011</td> <td>0</td> <td></td>	Crossing	41 CO02 10000XI	47 00 021	1011	0	
Crossing         47G30220000x3         47-G3-022         low         8         potential no div.           Crossing         47G30220000x9         47-G3-022         low         10         potential no div.           Crossing         47G30220000x9         47-G3-022         low         10         potential no div.           Crossing         47G30370000x4         47-G3-037         low         25         potential no div.           Crossing         47G40020000x8         47-G4-002         low         15         potential no div.           Crossing         47G40060000x2         47-G4-006         low         8         potential no div.           Crossing         47G40060000x4         47-G4-006         low         30         potential no div.           Crossing         47G40060000x11         47-G4-006         low         15         potential no div.           Crossing         47G40060000x12         47-G4-006         low         15         potential no div.           Crossing         47G40060000x13         47-G4-006         low         20         potential no div.           Crossing         47G40060000x14         47-G4-006         low         20         potential no div.           Crossing         47G50130000x2	Crossing	47G30210600x1	47-G3-021-06	low	10	
Crossing         47G30220000x3         47-G3-022         low         8         potential           Crossing         47G30220000x9         47-G3-022         low         10         potential           Crossing         47G30370000x4         47-G3-037         low         25         potential           Crossing         47G40020000x8         47-G4-002         low         15         potential           Crossing         47G40060000x2         47-G4-006         low         8         potential           Crossing         47G40060000x4         47-G4-006         low         8         potential           Crossing         47G40060000x4         47-G4-006         low         8         potential           Crossing         47G40060000x1         47-G4-006         low         30         potential           Crossing         47G40060000x11         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         20         potential           Crossing         47G40060000x13         47-G4-006         low         20         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential	Crocong	11 0002 1000000	11 00 021 00	1011	10	
Crossing         47G30220000x9         47-G3-022         Iow         10         potential           Crossing         47G30370000x4         47-G3-037         Iow         25         potential           Crossing         47G40020000x8         47-G4-002         Iow         15         potential           Crossing         47G40060000x2         47-G4-006         Iow         8         potential           Crossing         47G40060000x4         47-G4-006         Iow         8         potential           Crossing         47G40060000x4         47-G4-006         Iow         8         potential           Crossing         47G40060000x1         47-G4-006         Iow         30         potential           Crossing         47G40060000x11         47-G4-006         Iow         15         potential           Crossing         47G40060000x12         47-G4-006         Iow         15         potential           Crossing         47G40060000x13         47-G4-006         Iow         20         potential           Crossing         47G40060000x14         47-G4-006         Iow         20         potential           Crossing         47G50130000x2         47-G5-013         Iow         15         potential	Crossing	47G30220000x3	47-G3-022	low	8	
Crossing         47G30220000x9         47-G3-022         low         10         potential           Crossing         47G30370000x4         47-G3-037         low         25         potential           Crossing         47G40020000x8         47-G4-002         low         15         potential           Crossing         47G40060000x2         47-G4-006         low         8         potential           Crossing         47G40060000x4         47-G4-006         low         30         potential           Crossing         47G40060000x4         47-G4-006         low         30         potential           Crossing         47G40060000x11         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x13         47-G4-006         low         15         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential <td><u>erecenig</u></td> <td></td> <td></td> <td></td> <td><u> </u></td> <td></td>	<u>erecenig</u>				<u> </u>	
Crossing         47G30370000x4         47-G3-037         Iow         25         potential           Crossing         47G40020000x8         47-G4-002         Iow         15         potential           Crossing         47G40020000x8         47-G4-002         Iow         15         potential           Crossing         47G40060000x2         47-G4-006         Iow         8         potential           Crossing         47G40060000x4         47-G4-006         Iow         30         potential           Crossing         47G40060000x11         47-G4-006         Iow         15         potential           Crossing         47G40060000x12         47-G4-006         Iow         15         potential           Crossing         47G40060000x12         47-G4-006         Iow         15         potential           Crossing         47G40060000x13         47-G4-006         Iow         20         potential           Crossing         47G50130000x2         47-G5-013         Iow         15         potential           Crossing         47G50130000x2         47-G5-013         Iow         15         potential           Crossing         47G50130000x3         47-G5-013         Iow         15         potential	Crossing	47G30220000x9	47-G3-022	low	10	
Crossing         47G40020000x8         47-G4-002         low         15         potential           Crossing         47G40060000x2         47-G4-006         low         8         potential           Crossing         47G40060000x2         47-G4-006         low         8         potential           Crossing         47G40060000x4         47-G4-006         low         30         potential           Crossing         47G40060000x11         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x13         47-G4-006         low         20         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           No div.         Crossing         47G50130000x3         47-G5-013         low         15         potential           No div.         Crossing         47G50130000x4         47-G5-013         low </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Crossing         47G40020000x8         47-G4-002         low         15         potential           Crossing         47G40060000x2         47-G4-006         low         8         potential           Crossing         47G40060000x4         47-G4-006         low         30         potential           Crossing         47G40060000x4         47-G4-006         low         30         potential           Crossing         47G40060000x11         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x13         47-G4-006         low         20         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           No div.         no div.         no div.         no div.         no div.           Crossing         47G50130000x3         47-G5-013         low         0         potential	Crossing	47G30370000x4	47-G3-037	low	25	potential
Crossing         47G40060000x2         47-G4-006         low         8         potential           Crossing         47G40060000x4         47-G4-006         low         30         potential           Crossing         47G40060000x4         47-G4-006         low         30         potential           Crossing         47G40060000x11         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x13         47-G4-006         low         20         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         0         potential           Crossing         47G50130000x4         47-G5-013         low         0         potential						no div.
Crossing         47G40060000x2         47-G4-006         low         8         potential           Crossing         47G40060000x4         47-G4-006         low         30         potential           Crossing         47G40060000x1         47-G4-006         low         30         potential           Crossing         47G40060000x11         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x13         47-G4-006         low         20         potential           Crossing         47G40060000x13         47-G4-006         low         20         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         0         potential           Crossing         47G50130000x4         47-G5-013         low         0         potential	Crossing	47G40020000x8	47-G4-002	low	15	potential
Crossing         47G40060000x4         47-G4-006         low         30         potential           Crossing         47G40060000x11         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x13         47-G4-006         low         20         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G50130000x14         47-G5-013         low         15         potential           No div.         15         potential         no div.         no div.           Crossing         47G50130000x2         47-G5-013         low         15         potential           No div.         15         potential         no div.         no div.         no div.           Crossing         47G50130000x3         47-G5-013         low         15         potential           No div.         15         potential         no div.         no div.         no div.           Cross						no div.
Crossing         47G40060000x4         47-G4-006         Iow         30         potential           Crossing         47G40060000x11         47-G4-006         Iow         15         potential           Crossing         47G40060000x12         47-G4-006         Iow         15         potential           Crossing         47G40060000x12         47-G4-006         Iow         15         potential           Crossing         47G40060000x13         47-G4-006         Iow         20         potential           Crossing         47G40060000x14         47-G4-006         Iow         20         potential           Crossing         47G40060000x14         47-G4-006         Iow         20         potential           Crossing         47G50130000x2         47-G5-013         Iow         15         potential           Crossing         47G50130000x3         47-G5-013         Iow         15         potential           Crossing         47G50130000x4         47-G5-013         Iow         0         potential           No div.         15         potential         no div.         no div.         no div.           Crossing         47G50130000x4         47-G5-013         Iow         0         potential	Crossing	47G40060000x2	47-G4-006	low	8	potential
S         no div.           Crossing         47G40060000x11         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x12         47-G4-006         low         20         potential           Crossing         47G40060000x13         47-G4-006         low         20         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           No div.         no div.         15         potential         no div.           Crossing         47G50130000x3         47-G5-013         low         15         potential           No div.         no div.         no div.         no div.         no div.         no div.           Crossing         47G50130000x4         47-G5-013         low         0         potential           No div.         10         35         potential         no div.						
Crossing         47G40060000x11         47-G4-006         Iow         15         potential           Crossing         47G40060000x12         47-G4-006         Iow         15         potential           Crossing         47G40060000x12         47-G4-006         Iow         15         potential           Crossing         47G40060000x13         47-G4-006         Iow         20         potential           Crossing         47G40060000x14         47-G4-006         Iow         20         potential           Crossing         47G50130000x2         47-G5-013         Iow         15         potential           Crossing         47G50130000x3         47-G5-013         Iow         15         potential           Crossing         47G50130000x3         47-G5-013         Iow         15         potential           Crossing         47G50130000x4         47-G5-013         Iow         0         potential           Crossing         47G50130000x4         47-G5-013         Iow         0         potential           No div.         rogsing         47G50130000x5         47-G5-013         Iow         35         potential           No div.         rogsing         47G50130000x5         47-G5-013         Iow <td>Crossing</td> <td>47G40060000x4</td> <td>47-G4-006</td> <td>low</td> <td>30</td> <td></td>	Crossing	47G40060000x4	47-G4-006	low	30	
S         no div.           Crossing         47G40060000x12         47-G4-006         low         15         potential           no div.         no div.         no div.         no div.         no div.           Crossing         47G40060000x13         47-G4-006         low         20         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         15         potential           Crossing         47G50130000x4         47-G5-013         low         0         potential           No div.         no div.         no div.         no div.         no div.         no div.           Crossing         47G50130000x4         47-G5-013         low         0         potential           No div.         no div.         no div.         no div.         no div.         no div.						
Crossing         47G40060000x12         47-G4-006         low         15         potential           Crossing         47G40060000x13         47-G4-006         low         20         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         0         potential           Crossing         47G50130000x4         47-G5-013         low         0         potential           Crossing         47G50130000x5         47-G5-013         low         35         potential           No div.         No div.         35         potential         no div.	Crossing	47G40060000x11	47-G4-006	low	15	
Crossing         47G40060000x13         47-G4-006         low         20         potential           no div.         no div.         no div.         no div.         no div.         no div.           Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         15         potential           Crossing         47G50130000x4         47-G5-013         low         0         potential           Crossing         47G50130000x4         47-G5-013         low         0         potential           No div.         Crossing         47G50130000x5         47-G5-013         low         35         potential           No div.         No div.         No div.         No div.         No div.         No div.				_		
Crossing         47G40060000x13         47-G4-006         low         20         potential           No div.         Crossing         47G40060000x14         47-G4-006         low         20         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         15         potential           No div.         No div.         No div.         no div.         no div.         no div.           Crossing         47G50130000x4         47-G5-013         low         0         potential           Crossing         47G50130000x5         47-G5-013         low         35         potential           No div.         No div.         No div.         No div.         No div.         No div.	Crossing	47G40060000x12	47-G4-006	low	15	
no div.         no div.           Crossing         47G40060000x14         47-G4-006         low         20         potential           no div.         no div.         no div.         no div.         no div.           Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         0         potential           No div.         no div.         no div.         no div.         no div.           Crossing         47G50130000x4         47-G5-013         low         0         potential           No div.         no div.         no div.         no div.         no div.         no div.           Crossing         47G50130000x5         47-G5-013         low         35         potential           No div.         no div.         ino div.         ino div.         ino div.         ino div.						
Crossing         47G40060000x14         47-G4-006         Iow         20         potential           No div.         No div.         No div.         15         potential         no div.           Crossing         47G50130000x2         47-G5-013         Iow         15         potential           Crossing         47G50130000x3         47-G5-013         Iow         15         potential           Crossing         47G50130000x3         47-G5-013         Iow         0         potential           Crossing         47G50130000x4         47-G5-013         Iow         0         potential           Crossing         47G50130000x4         47-G5-013         Iow         0         potential           No div.         No div.         No div.         No div.         No div.         No div.           Crossing         47G50130000x5         47-G5-013         Iow         35         potential	Crossing	47G40060000x13	47-G4-006	low	20	
Crossing         47G50130000x2         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         15         potential           Crossing         47G50130000x3         47-G5-013         low         15         potential           Crossing         47G50130000x4         47-G5-013         low         0         potential           Crossing         47G50130000x4         47-G5-013         low         0         potential           Crossing         47G50130000x5         47-G5-013         low         35         potential           no div.         0         0         no div.         0         no div.		470 40000000 44	47.04.000	1.	00	
Crossing         47G50130000x2         47-G5-013         low         15         potential           No div.         no div.         no div.         no div.         no div.         no div.           Crossing         47G50130000x3         47-G5-013         low         15         potential           Crossing         47G50130000x4         47-G5-013         low         0         potential           Crossing         47G50130000x4         47-G5-013         low         0         potential           Crossing         47G50130000x5         47-G5-013         low         35         potential           no div.         ro div.         ro div.         ro div.         no div.         ro div.	Crossing	47G40060000x14	47-G4-006	IOW	20	
Crossing         47G50130000x3         47-G5-013         low         15         potential           Crossing         47G50130000x4         47-G5-013         low         0         potential           Crossing         47G50130000x4         47-G5-013         low         0         potential           Crossing         47G50130000x4         47-G5-013         low         35         potential           no div.         Crossing         47G50130000x5         47-G5-013         low         35         potential           no div.         0         0         0         15         no div.	Creasing	4705012000002	47 CE 012	low	15	
Crossing         47G50130000x3         47-G5-013         Iow         15         potential no div.           Crossing         47G50130000x4         47-G5-013         Iow         0         potential no div.           Crossing         47G50130000x4         47-G5-013         Iow         0         potential no div.           Crossing         47G50130000x5         47-G5-013         Iow         35         potential no div.           Crossing         47G50130000x5         47-G5-013         Iow         35         potential no div.	Crossing	47G50150000XZ	47-65-013	IOW	10	
no div. Crossing 47G50130000x4 47-G5-013 low 0 potential no div. Crossing 47G50130000x5 47-G5-013 low 35 potential no div.	Crossing	4705012000022	47 CE 012	low	15	
Crossing         47G50130000x4         47-G5-013         Iow         0         potential           Crossing         47G50130000x5         47-G5-013         Iow         35         potential           no div.         no div.         no div.         1000         1000         1000         1000	Ciossing	47 000 10000000	47-00-010	IUW	10	
no div. Crossing 47G50130000x5 47-G5-013 low 35 potential no div.	Crossing	47G50130000v4	47-G5-013		0	
Crossing         47G50130000x5         47-G5-013         Iow         35         potential           no div.		TI 0001000004	UU-UIU	1014	0	
no div.	Crossing	47G50130000x5	47-G5-013	low	35	
	STOSSING	11 000 10000000	11 00 010	1044		
	Crossing	47G50130000x6	47-G5-013	low	8	potential

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					no div.
Crossing	47G50130000x12	47-G5-013	low	30	potential
					no div.
Crossing	47G50130000x13	47-G5-013	low	20	potential
Crossing	47050120000045	47 CE 012	low	0	no div.
Crossing	47G50130000x15	47-G5-013	low	8	potential no div.
Crossing	47G50130000x16	47-G5-013	low	30	potential
Crossing	47630130000010	47-05-015	1010	50	no div.
Crossing	47G50130000x17	47-G5-013	low	180	potential
Crossing	41000100000011	47 00 010	1011	100	no div.
Crossing	47G50130000x20	47-G5-013	low	15	potential
<u>erecenig</u>					no div.
Crossing	47G50130000x21	47-G5-013	low	40	potential
<u> </u>			-	-	no div.
Crossing	47G50130000x22	47-G5-013	low	80	potential
					no div.
Crossing	47G50130700x3	47-G5-013-07	low	20	potential
					no div.
Crossing	47KG0000000x3	47-KG	low	5	potential
					no div.
Crossing	47KG0000000x5	47-KG	low	5	potential
					no div.
Crossing	47KG0000000x12	47-KG	low	0	potential
					no div.
Crossing	47KG0000000x15	47-KG	low	40	potential
				_	no div.
Crossing	47KG0000000x16	47-KG	low	6	potential
. ·			1.	0	no div.
Crossing	47KG0000000x17	47-KG	low	6	potential
Crossing	471/000000000000000000000000000000000000		low	8	no div.
Crossing	47KG0000000x18	47-KG	low	0	potential no div.
Crossing	47KG0000000x20	47-KG	low	15	potential
Crossing	47110000000020	47-100	1010	15	no div.
Crossing	47KG0000000x21	47-KG	low	15	potential
Crossing	1110000000000	11 110	1011	10	no div.
Crossing	47KG0020000x9	47-KG-002	low	30	potential
<u> </u>			-		no div.
Crossing	47KG0020000x11	47-KG-002	low	10	potential
					no div.
Crossing	47KG0021100x10	47-KG-002-11	low	20	potential
					no div.
Crossing	47KG0021100x14	47-KG-002-11	low	50	potential
					no div.
Crossing	47KG0021100x15	47-KG-002-11	low	30	potential
					no div.
Crossing	47KG0021100x16	47-KG-002-11	low	200	potential

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					no div.
Crossing	47KG0021101x1	47-KG-002-11-01	low	20	potential
				_	no div.
Crossing	47KG0060000x6	47-KG-006	low	5	potential
			1.	05	no div.
Crossing	47KG0060000x13	47-KG-006	low	25	potential
Crossing	47KG0060000x14		low	120	no div. potential
Crossing	47 NG0000000 14	47-KG-006	low	120	no div.
Crossing	47KG0060000x15	47-KG-006	low	15	potential
Crossing	471000000013	47-10-000	10 10	15	no div.
Crossing	47KG0060000x17	47-KG-006	low	8	potential
Crocoing	in the object of the interview of the in		1011	0	no div.
Crossing	47KG0060000x20	47-KG-006	low	6	potential
g				-	no div.
Crossing	47KG0060000x36	47-KG-006	low	30	potential
					no div.
Crossing	47KG0060600x3	47-KG-006-06	low	15	potential
					no div.
Crossing	47KG0060600x5	47-KG-006-06	low	25	potential
					no div.
Crossing	47KG0060600x7	47-KG-006-06	low	0	potential
					no div.
Crossing	47KG0060600x8	47-KG-006-06	low	15	potential
					no div.
Crossing	47KG0060600x9	47-KG-006-06	low	30	potential
					no div.
Crossing	47KG0060600x11	47-KG-006-06	low	50	potential
				10	no div.
Crossing	47KG0120000x2	47-KG-012	low	10	potential
	471/0040000000	47 1/0 040	Le	<b>-</b>	no div.
Crossing	47KG0120000x3	47-KG-012	low	5	potential
Crossing	471/0010000007	47-KG-012	low	2	no div.
Crossing	47KG0120000x7	47-6-012	low	2	potential no div.
Crossing	47KG0120000x9	47-KG-012	low	0	potential
Crossing	4/10012000003	47-10-012	10 10	0	no div.
Crossing	47KG0120000x10	47-KG-012	low	0	potential
Crocoing	11100120000010	11 110 012	1011	0	no div.
Crossing	47KG0120000x11	47-KG-012	low	5	potential
erecenig				-	no div.
Crossing	47KG0120900x1	47-KG-012-09	low	5	potential
, j					no div.
Crossing	47KG0190000x1	47-KG-019	low	30	potential
¥					no div.
Crossing	47KG0190000x3	47-KG-019	low	40	potential
					no div.
Crossing	47KG0190000x5	47-KG-019	low	80	potential

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
			-		no div.
Crossing	47KG0190000x6	47-KG-019	low	40	potential
					no div.
Crossing	47KG0190000x7	47-KG-019	low	80	potential
			_		no div.
Crossing	47KG0190000x12	47-KG-019	low	20	potential
0	471/004000044	47 1/0 040	1	<b>-</b>	no div.
Crossing	47KG0190000x14	47-KG-019	low	5	potential
Crossing	47KG0310000x2	47-KG-031	low	5	no div. potential
Crossing	47 NG03 100002	47-10-031	10 W	5	no div.
Crossing	47KG0380000x1	47-KG-038	low	12	potential
Crossing	Interestion	11 110 000	1011	12	no div.
Crossing	47KG0380000x2	47-KG-038	low	12	potential
<u> </u>					no div.
Crossing	47KG0380000x5	47-KG-038	low	12	potential
0					no div.
Crossing	47MM0000000x14	47-MM	low	20	potential
					no div.
Crossing	47MM0000000x16	47-MM	low	60	potential
					no div.
Crossing	47MM0000000x17	47-MM	low	30	potential
					no div.
Crossing	47MM0000000x21	47-MM	low	50	potential
		17 101 010			no div.
Crossing	47MM0190000x1	47-MM-019	low	80	potential
Crossing	47MM0220000x1	47-MM-022	low	20	no div.
Crossing	47101022000081	47-10101-022	IOW	20	potential no div.
Crossing	47PH0000000x2	47-PH	low	5	potential
Crossing	4/111000000002	77 1 11	1011	0	no div.
Crossing	47PH0000000x6	47-PH	low	30	potential
<u>erecen</u> g					no div.
Crossing	47PH0000000x18	47-PH	low	5	potential
					no div.
Crossing	47PH0000000x42	47-PH	low	20	potential
					no div.
Crossing	47PH0000000x44	47-PH	low	5	potential
					no div.
Crossing	47PH0030000x2	47-PH-003	low	10	potential
					no div.
Crossing	47PH0050000x1	47-PH-005	low	25	potential
Crossing	47PH0050000x5	47-PH-005	low	30	no div.
Crossing		41-51-000	low	30	potential no div.
Crossing	47PH0050000x7	47-PH-005	low	15	potential
			1010	15	no div.
Crossing	47PH0050000x8	47-PH-005	low	10	potential
Crossing	+111100000000		1010	10	potonia

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					no div.
Crossing	47PH0050000x9	47-PH-005	low	5	potential
			_		no div.
Crossing	47PH0050000x10	47-PH-005	low	25	potential
				4.0	no div.
Crossing	47PH0050000x11	47-PH-005	low	10	potential
Creasing	47040050000040		low	FO	no div.
Crossing	47PH0050000x12	47-PH-005	low	50	potential no div.
Crossing	47PH0050000x13	47-PH-005	low	40	potential
Crossing	47 FT10050000X15	47-611-005	10 W	40	no div.
Crossing	47PH0050000x14	47-PH-005	low	15	potential
Crossing	4/11/0000000014	47111000	1011	10	no div.
Crossing	47PH0050000x15	47-PH-005	low	10	potential
Croconig			1011	10	no div.
Crossing	47PH0050000x16	47-PH-005	low	5	potential
					no div.
Crossing	47PH0050000x17	47-PH-005	low	70	potential
0					no div.
Crossing	47PH0130000x3	47-PH-013	low	8	potential
					no div.
Crossing	47PH0130000x5	47-PH-013	low	44	potential
					no div.
Crossing	47PH0180000x7	47-PH-018	low	60	potential
					no div.
Crossing	47PH0180000x17	47-PH-018	low	25	potential
					no div.
Crossing	47PH0220000x2	47-PH-022	low	20	potential
	47DI 1000000007		low	F	no div.
Crossing	47PH0220000x7	47-PH-022	low	5	potential
Crossing	47PH0220000x9	47-PH-022	low	12	no div. potential
Crossing	4771022000079	47-611-022	10 10	12	no div.
Crossing	47PH0220000x10	47-PH-022	low	15	potential
Crossing	471 110220000000	47 T T T OZZ	1011	10	no div.
Crossing	47PH0220000x11	47-PH-022	low	15	potential
erecen.g					no div.
Crossing	47PH0220000x12	47-PH-022	low	60	potential
					no div.
Crossing	47PH0220000x13	47-PH-022	low	2	potential
					no div.
Crossing	47PH0220000x14	47-PH-022	low	15	potential
					no div.
Crossing	47PH0350000x2	47-PH-035	low	35	potential
					no div.
Crossing	47PH0350000x4	47-PH-035	low	100	potential
					no div.
Crossing	47PH0350000x6	47-PH-035	low	70	potential

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					no div.
Crossing	47PH0350800x1	47-PH-035-08	low	30	potential
				_	no div.
Crossing	47PH0470000x1	47-PH-047	low	5	potential
	47010470000		1.	40	no div.
Crossing	47PH0470000x6	47-PH-047	low	10	potential
Crossing			low	10	no div.
Crossing	47PH0470000x7	47-PH-047	low	10	potential no div.
Crossing	47TC0010000x3	47-TC-001	low	0	potential
Clossing	4710001000000	47-10-001	1010	0	no div.
Crossing	47TC0010000x4	47-TC-001	low	0	potential
Crocoing	1110001000000		1011	0	no div.
Crossing	47TC0010200x1	47-TC-001-02	low	30	potential
g					no div.
Crossing	47TC0010200x2	47-TC-001-02	low	15	potential
					no div.
Crossing	47TC0110000x5	47-TC-011	low	45	potential
					no div.
Crossing	47TC0110000x6	47-TC-011	low	50	potential
					no div.
Crossing	47TC0110000x8	47-TC-011	low	60	potential
					no div.
Crossing	47TC0110000x9	47-TC-011	low	80	potential
					no div.
Crossing	47UG000000x36	47-UG	low	50	potential
0	4711000000000000	47.110	1.	40	no div.
Crossing	47UG000000x37	47-UG	low	10	potential
Crossing	47UG0090000x1	47-UG-009	low	5	no div. potential
Crossing	4700000000	47-00-009	1000	5	no div.
Crossing	47UG0090000x18	47-UG-009	low	25	potential
Clossing	470000000000000	1 00 000	1010	20	no div.
Crossing	47UG0140000x1	47-UG-014	low	6	potential
Creecing			1011		no div.
Crossing	47UG0140000x2	47-UG-014	low	10	potential
<u> </u>					no div.
Crossing	47UG0180000x2	47-UG-018	low	20	potential
					no div.
Crossing	47UG0180500x2	47-UG-018-05	low	15	potential
					no div.
Crossing	47UG0180500x3	47-UG-018-05	low	15	potential
					no div.
Crossing	47UG0340000x1	47-UG-034	low	12	potential
					no div.
Crossing	47UG0340000x2	47-UG-034	low	50	potential
	471100000000000	47.110.000	•-	-	no div.
Crossing	47UG0360000x3	47-UG-036	low	5	potential

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					no div.
Crossing	47UG0360000x4	47-UG-036	low	20	potential
					no div.
Crossing	47UG0360000x5	47-UG-036	low	40	potential
	471100000000 44	47.110.000	1.	00	no div.
Crossing	47UG0360000x11	47-UG-036	low	20	potential
Crossing	47UG0360000x12	47-UG-036	low	4	no div.
Crossing	470000000000	47-00-030	IOW	4	potential no div.
Crossing	47UG0360000x17	47-UG-036	low	20	potential
Crossing	4700000000	47-00-030	1010	20	no div.
Crossing	47UK0000000x3	47-UK	low	4	potential
Crossing	11 01 0000000000		1011	•	no div.
Crossing	47UK0000000x8	47-UK	low	10	potential
<u>erecenig</u>					no div.
Crossing	47UK0000000x9	47-UK	low	0	potential
0					no div.
Crossing	47UK0000000x15	47-UK	low	5	potential
					no div.
Crossing	47UK0000000x21	47-UK	low	10	potential
					no div.
Crossing	47UK0000000x28	47-UK	low	20	potential
					no div.
Crossing	47UK0000000x40	47-UK	low	15	potential
			_		no div.
Crossing	47UK0421002x1	47-UK-042-10-02	low	20	potential
	471/00000000 40		1.	0	
Crossing	47KG0000000x19	47-KG	low	8	yes, ditch
Crossing	47DG0020500x2	47-DG-002-05	low	10	was road
Crossing	47DG0020500X2	47-DG-002-05	IOW	10	yes, road
Crossing	47G3000000x24	47-G3	low	10	yes, road
Crossing	4703000000024	47.00	1011	10	ycs, 10dd
Crossing	47G30210000x5	47-G3-021	low	5	yes, road
Crocoing	1100021000000		1011	•	<i>yee</i> , read
Crossing	47G50130000x8	47-G5-013	low	25	yes, road
j					<b>y</b>
Crossing	47KG0020000x16	47-KG-002	low	15	yes, road
					-
Crossing	47KG0020000x18	47-KG-002	low	10	yes, road
Crossing	47KG0060000x11	47-KG-006	low	5	yes, road
Crossing	47KG0060000x21	47-KG-006	low	6	yes, road
				c	ŗ
Crossing	47KG0060000x31	47-KG-006	low	8	yes, road
Creating	471/00400000-4			0	
Crossing	47KG0120000x4	47-KG-012	low	8	yes, road

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Crossing	47KG0120000x5	47-KG-012	low	8	yes, road
Crossing	47KG0190000x9	47-KG-019	low	250	yes, road
Crossing	47KG0190000x10	47-KG-019	low	40	yes, road
Crossing	47KG0190000x11	47-KG-019	low	10	yes, road
Crossing	47PH0000000x16	47-PH	low	10	yes, road
Crossing	47PH0050000x4	47-PH-005	low	5	yes, road
Crossing	47PH0470000x2	47-PH-047	low	5	yes, road
Crossing	47TC0110000x7	47-TC-011	low	40	yes, road
Crossing	47TC0210000x3	47-TC-021	low	15	yes, road
Crossing	47KG0000000x7	47-KG	moderate	20	already diverted
Crossing	47KG0000000x8	47-KG	moderate	35	already diverted
Crossing	47PH0000000x15	47-PH	moderate	70	no div. potential
Crossing	47KG0000000x10	47-KG	moderate	5	yes, ditch
Crossing	47CC0100000x3	47-CC-010	none	0	already diverted
Crossing	47CH9250000x2	47-CH-925	none	0	already diverted
Crossing	47DG0020000x4	47-DG-002	none	0	already diverted
Crossing	47KG0060000x19	47-KG-006	none	0	already diverted
Crossing	47MM0000000x8	47-MM	none	0	already diverted
Crossing	47TC0090000x1	47-TC-009	none	0	already diverted
Crossing	47UG0000000x3	47-UG	none	0	already diverted
Crossing	47UG0090000x15	47-UG-009	none	0	already diverted
Crossing	41SM0200000x1	41-SM-020	none	0	no div. potential
Crossing	41SM0200000x3	41-SM-020	none	0	no div. potential
Crossing	41SM0200000x4	41-SM-020	none	0	no div. potential

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					no div.
Crossing	41SM0200000x5	41-SM-020	none	0	potential
				_	no div.
Crossing	41SM020000x7	41-SM-020	none	0	potential
					no div.
Crossing	41SM020000x8	41-SM-020	none	0	potential
	44.0140000000	44 014 000		0	no div.
Crossing	41SM0200000x9	41-SM-020	none	0	potential
Creasing	44 CM 0000000000000000000000000000000000	44 CM 000		0	no div.
Crossing	41SM0200000x16	41-SM-020	none	0	potential
Crossing	41 SM020000v10	41 SM 020	2020	0	no div.
Crossing	41SM0200000x19	41-SM-020	none	0	potential no div.
Crossing	41SM0200000x20	41-SM-020	none	0	potential
Crossing	41310200000020	41-0101-020	none	0	no div.
Crossing	41SM0200000x22	41-SM-020	none	0	potential
Crossing	410100200000022	41-0101-020	none	0	no div.
Crossing	41SM0200000x23	41-SM-020	none	0	potential
Crossing	410110200000020	41 010 020	none	0	no div.
Crossing	47CH9250000x13	47-CH-925	none	0	potential
Croconig	110110200000010	11 011 020	Horio	0	no div.
Crossing	47CH9250200x1	47-CH-925-02	none	0	potential
Croconig				•	no div.
Crossing	47CH9250600x4	47-CH-925-06	none	0	potential
					no div.
Crossing	47DG0020000x5	47-DG-002	none	0	potential
					no div.
Crossing	47G4000000x1	47-G4	none	0	potential
					no div.
Crossing	47G4000000x3	47-G4	none	0	potential
					no div.
Crossing	47G4000000x5	47-G4	none	0	potential
					no div.
Crossing	47G4000000x6	47-G4	none	0	potential
				_	no div.
Crossing	47G40010000x1	47-G4-001	none	0	potential
					no div.
Crossing	47G40010000x2	47-G4-001	none	0	potential
	470 4004 00000	47 04 004		0	no div.
Crossing	47G40010000x3	47-G4-001	none	0	potential
Crossing	47C 4004000004	47 04 004		0	no div.
Crossing	47G40010000x4	47-G4-001	none	0	potential
Crossing	47G40010000x5	47-G4-001	0000	0	no div.
Crossing	47 0400 1000000	47-04-001	none	U	potential no div.
Crossing	47G40020000x1	47-G4-002	none	0	potential
Crossing	47 G40020000X I	+1-04-00Z	HUHE	0	no div.
Crossing	47G40020000x2	47-G4-002	none	0	potential
Jugan	TI CTUUZUUUUAZ	71 07 002	HOHE	0	potoritiai

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					no div.
Crossing	47G40020000x3	47-G4-002	none	0	potential
					no div.
Crossing	47G40020000x4	47-G4-002	none	0	potential
		4 <b>- 0</b> 4 666		•	no div.
Crossing	47G40020000x5	47-G4-002	none	0	potential
	470 40000000.0	47.04.000		0	no div.
Crossing	47G40020000x6	47-G4-002	none	0	potential
Crossing	470400000007	47 04 000	2020	0	no div.
Crossing	47G40020000x7	47-G4-002	none	0	potential no div.
Crossing	47G40020000x9	47-G4-002	none	0	potential
Crossing	47 940020000039	47-04-002	none	0	no div.
Crossing	47G40060000x6	47-G4-006	none	0	potential
Crossing	470400000000	47-04-000	none	0	no div.
Crossing	47G40060000x7	47-G4-006	none	0	potential
Crossing	410400000000	47 04 000	none	0	no div.
Crossing	47G40060000x8	47-G4-006	none	0	potential
Croconig	110100000000		nono	0	no div.
Crossing	47G40060000x9	47-G4-006	none	0	potential
					no div.
Crossing	47G40060000x10	47-G4-006	none	0	potential
<u> </u>					no div.
Crossing	47G5000000x3	47-G5	none	0	potential
Ŭ					no div.
Crossing	47G50000000x12	47-G5	none	0	potential
					no div.
Crossing	47G50130000x1	47-G5-013	none	0	potential
					no div.
Crossing	47G50130000x7	47-G5-013	none	0	potential
				_	no div.
Crossing	47G50130000x11	47-G5-013	none	0	potential
					no div.
Crossing	47G50130000x18	47-G5-013	none	0	potential
. ·	47050400000 40	47.05.040		0	no div.
Crossing	47G50130000x19	47-G5-013	none	0	potential
Crossing	47050400700.0	47 05 042 07		0	no div.
Crossing	47G50130700x2	47-G5-013-07	none	0	potential
Crossing	47KG0060000x16	47-KG-006	nono	0	no div. potential
Crossing	47 11 90000000000000000000000000000000000	47-10-000	none	0	no div.
Crossing	47KG0061700x1	47-KG-006-17	none	0	potential
			TIONE	0	no div.
Crossing	47KG0120900x2	47-KG-012-09	none	0	potential
Crossing	1110012000072	11 110 012 00		<b>v</b>	no div.
Crossing	47MM0000000x1	47-MM	none	0	potential
Steering				<b>.</b>	no div.
Crossing	47MM0010000x3	47-MM-001	none	0	potential
crocomy				~	peternion

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					no div.
Crossing	47MM0010000x7	47-MM-001	none	0	potential
					no div.
Crossing	47MM0010600x2	47-MM-001-06	none	0	potential
0	1711110050000 40	47 1414 005		0	no div.
Crossing	47MM0050000x10	47-MM-005	none	0	potential
Crossing	471414005000012		2020	0	no div.
Crossing	47MM0050000x12	47-MM-005	none	0	potential no div.
Crossing	47MM0050000x13	47-MM-005	none	0	potential
Crossing	47 1010100300000 13	47-10101-003	TIONE	0	no div.
Crossing	47MM0050900x1	47-MM-005-09	none	0	potential
Crossing			Horio	0	no div.
Crossing	47PH0000000x35	47-PH	none	0	potential
					no div.
Crossing	47PH0000000x36	47-PH	none	0	potential
0					no div.
Crossing	47PH0000000x37	47-PH	none	0	potential
					no div.
Crossing	47PH0350000x1	47-PH-035	none	0	potential
					no div.
Crossing	47PH0350000x3	47-PH-035	none	0	potential
					no div.
Crossing	47PH0470000x3	47-PH-047	none	0	potential
					no div.
Crossing	47PH0470000x4	47-PH-047	none	0	potential
				_	no div.
Crossing	47PH0470000x5	47-PH-047	none	0	potential
	47TO000000000000	47 TO		0	no div.
Crossing	47TC0000000x32	47-TC	none	0	potential
Crossing	47TC0090000x2	47-TC-009	nono	0	no div. potential
Crossing	4710009000082	47-10-009	none	0	no div.
Crossing	47TC0090200x1	47-TC-009-02	none	0	potential
Crossing	4710003020081	47 10 003 02	none	0	no div.
Crossing	47TC0110000x2	47-TC-011	none	0	potential
Croconig				•	no div.
Crossing	47TC0350901x2	47-TC-035-09-01	none	0	potential
					no div.
Crossing	47UG0000000x19	47-UG	none	0	potential
					no div.
Crossing	47UG0090000x2	47-UG-009	none	0	potential
					no div.
Crossing	47UG0090000x3	47-UG-009	none	0	potential
					no div.
Crossing	47UG0090000x6	47-UG-009	none	0	potential
				r.	no div.
Crossing	47UG0090000x8	47-UG-009	none	0	potential

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					no div.
Crossing	47UG0090000x11	47-UG-009	none	0	potential
. ·	471100000000 40	47.110.000		0	no div.
Crossing	47UG0090000x12	47-UG-009	none	0	potential
Crossing	47UG0090000x14	47 110 000	2020	0	no div.
Crossing	470G0090000X14	47-UG-009	none	0	potential no div.
Crossing	47UG0090000x16	47-UG-009	none	0	potential
Crossing	47000030000010	47-00-003	none	0	no div.
Crossing	47UG0090000x17	47-UG-009	none	0	potential
Crocoing		11 00 000	Herio	•	no div.
Crossing	47UG0091000x1	47-UG-009-10	none	0	potential
					no div.
Crossing	47UG0360000x1	47-UG-036	none	0	potential
					no div.
Crossing	47UG0360000x9	47-UG-036	none	0	potential
					no div.
Crossing	47UG0360000x13	47-UG-036	none	0	potential
					no div.
Crossing	47UG0360000x14	47-UG-036	none	0	potential
	47110000000000000			•	no div.
Crossing	47UG0360000x15	47-UG-036	none	0	potential
Crossing	4711002600000040	47 110 026	2020	0	no div.
Crossing	47UG0360000x18	47-UG-036	none	0	potential no div.
Crossing	47UG0360000x19	47-UG-036	none	0	potential
Crossing	470000000000	47 00 000	none	0	no div.
Crossing	47UK0000000x33	47-UK	none	0	potential
<u>erecenig</u>				•	no div.
Crossing	47UK0000000x35	47-UK	none	0	potential
Ŭ					no div.
Crossing	47UK0000000x37	47-UK	none	0	potential
Crossing	41SM0200000x6	41-SM-020	none	0	yes, road
Crossing	47G40000000x4	47-G4	none	0	yes, road
				_	
Crossing	47G50130000x9	47-G5-013	none	0	yes, road
				•	
Crossing	47G50130000x10	47-G5-013	none	0	yes, road
Crossing	470E010000044	47 CE 040	0000	0	
Crossing	47G50130000x14	47-G5-013	none	0	yes, road
Crossing	47MM0010600x1	47-MM-001-06	none	0	yes, road
			TIONE	0	no div.
Culvert	47CC0100000c3	47-CC-010	high	120	potential
		1 00 010	ingri	120	no div.
Culvert	47CC0100000c6	47-CC-010	high	110	potential
					Peterniai

Culvert         47CH9250000c14         47-CH-925         high         40         potential no div.           Culvert         47CH9250000c7         47-CH-925         high         80         potential no div.           Culvert         47CH9250200c5         47-CH-925-02         high         20         potential no div.           Culvert         47CH9250200c5         47-CH-925-17         high         400         potential no div.           Culvert         47DG000000c11         47-DG         high         15         potential no div.           Culvert         47DG0000000c13         47-DG         high         10         potential no div.           Culvert         47DG0000000c2         47-DG         high         100         potential no div.           Culvert         47DG0000000c2         47-DG         high         100         potential no div.           Culvert         47DG0000000c3         47-DG         high         130         potential no div.           Culvert         47DG0000000c4         47-DG         high         20         yes, road already           Culvert         47DG0000000c6         47-DG         high         20         yes, road already           Culvert         47DG0020500c10         47-DG-002-05<	Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Culvert         47CH9250000c7         47-CH-925         high         80         potential no div.           Culvert         47CH9250200c5         47-CH-925-02         high         20         potential no div.           Culvert         47CH9251700c2         47-CH-925-17         high         400         potential no div.           Culvert         47DG000000c11         47-DG         high         15         potential no div.           Culvert         47DG000000c13         47-DG         high         30         potential no div.           Culvert         47DG0000000c18         47-DG         high         100         potential no div.           Culvert         47DG0000000c2         47-DG         high         100         potential no div.           Culvert         47DG0000000c2         47-DG         high         100         potential no div.           Culvert         47DG0000000c3         47-DG         high         20         yes, road           Culvert         47DG0000000c6         47-DG         high         30         diverted           Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c6         47-DG-002-05         high <td></td> <td></td> <td></td> <td></td> <td></td> <td>no div.</td>						no div.
Culvert         47CH9250000c7         47-CH-925         high         80         potential no div.           Culvert         47CH9250200c5         47-CH-925-02         high         20         potential           Culvert         47CH9251700c2         47-CH-925-17         high         400         potential           Culvert         47DG000000c11         47-DG         high         15         potential           Culvert         47DG0000000c13         47-DG         high         30         potential           Culvert         47DG0000000c18         47-DG         high         100         potential           Culvert         47DG0000000c2         47-DG         high         100         potential           Culvert         47DG0000000c2         47-DG         high         10         potential           Culvert         47DG0000000c3         47-DG         high         130         potential           Culvert         47DG0000000c4         47-DG         high         30         diverted           Culvert         47DG0000000c6         47-DG         high         30         diverted           Culvert         47DG0020500c10         47-DG-002-05         high         12         potential	Culvert	47CH9250000c14	47-CH-925	high	40	
Culvert         47CH92502000c5         47-CH-925-02         high         20         potential           Culvert         47CH92502000c5         47-CH-925-02         high         20         potential           Culvert         47CH9251700c2         47-CH-925-17         high         400         potential           Culvert         47DG0000000c11         47-DG         high         15         potential           Culvert         47DG0000000c13         47-DG         high         100         potential           Culvert         47DG0000000c2         47-DG         high         100         potential           Culvert         47DG0000000c2         47-DG         high         10         potential           Culvert         47DG0000000c2         47-DG         high         20         yes, road           already         already         already         already         already           Culvert         47DG0000000c6         47-DG         high         12         yes, road           Culvert         47DG0020500c10         47-DG         high         30         diverted           Culvert         47DG0020500c6         47-DG-002-05         high         12         potential           Culvert		470110050000-7	47 011 005	h i sih	00	
Culvert         47CH9250200c5         47-CH-925-02         high         20         potential           Culvert         47CH9251700c2         47-CH-925-17         high         400         potential           Culvert         47DG000000c11         47-DG         high         15         potential           Culvert         47DG000000c13         47-DG         high         30         potential           Culvert         47DG000000c18         47-DG         high         100         potential           Culvert         47DG0000000c2         47-DG         high         100         potential           Culvert         47DG0000000c2         47-DG         high         10         potential           Culvert         47DG0000000c2         47-DG         high         100         potential           Culvert         47DG0000000c3         47-DG         high         20         yes, road           Culvert         47DG0000000c6         47-DG         high         30         diverted           Culvert         47DG0020500c10         47-DG-N02-05         high         12         yes, road           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential	Culvert	47CH9250000C7	47-CH-925	nign	80	
Culvert         47CH9251700c2         47-CH-925-17         high         400         potential           Culvert         47DG0000000c11         47-DG         high         15         potential           Culvert         47DG0000000c13         47-DG         high         15         potential           Culvert         47DG0000000c13         47-DG         high         100         potential           Culvert         47DG0000000c2         47-DG         high         100         potential           Culvert         47DG0000000c2         47-DG         high         10         potential           Culvert         47DG0000000c2         47-DG         high         20         yes, road           Culvert         47DG0000000c3         47-DG         high         20         yes, road           Culvert         47DG0000000c4         47-DG         high         30         diverted           Culvert         47DG0000000c6         47-DG         high         30         diverted           Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c6         47-DG-002-05         high         30         potential	Culvort	47CH0250200c5	17 CH 025 02	high	20	
Culvert         47CH9251700c2         47-CH-925-17         high         400         potential           Culvert         47DG000000c11         47-DG         high         15         potential           Culvert         47DG000000c13         47-DG         high         30         potential           Culvert         47DG000000c13         47-DG         high         100         potential           Culvert         47DG000000c2         47-DG         high         100         potential           Culvert         47DG000000c2         47-DG         high         100         potential           Culvert         47DG000000c2         47-DG         high         130         potential           Culvert         47DG0000000c3         47-DG         high         20         yes, road           Culvert         47DG0000000c4         47-DG         high         20         yes, road           Culvert         47DG0000000c6         47-DG         high         12         yes, road           Culvert         47DG0020500c10         47-DG-002-05         high         30         diverted           Culvert         47DG0020500c6         47-DG-002-05         high         30         potential	Cuiven	4701923020003	47-00-920-02	nign	20	
Culvert         47DG000000c11         47-DG         high         15         potential           Culvert         47DG000000c13         47-DG         high         30         potential           Culvert         47DG000000c18         47-DG         high         30         potential           Culvert         47DG000000c2         47-DG         high         100         potential           Culvert         47DG000000c2         47-DG         high         10         potential           Culvert         47DG000000c2         47-DG         high         10         potential           Culvert         47DG000000c3         47-DG         high         10         potential           Culvert         47DG000000c3         47-DG         high         20         yes, road           Culvert         47DG000000c4         47-DG         high         30         diverted           Culvert         47DG0020500c10         47-DG         high         30         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c6         47-DG-002-05         high         30         potential           0	Culvert	47CH9251700c2	47-CH-925-17	high	400	
Culvert         47DG000000c11         47-DG         high         15         potential           Culvert         47DG000000c13         47-DG         high         30         potential           Culvert         47DG000000c18         47-DG         high         100         potential           Culvert         47DG000000c2         47-DG         high         100         potential           Culvert         47DG000000c2         47-DG         high         100         potential           Culvert         47DG000000c2         47-DG         high         130         potential           Culvert         47DG0000000c3         47-DG         high         20         yes, road           already         already         already         already         already           Culvert         47DG000000c6         47-DG         high         12         yes, road           Culvert         47DG0020500c10         47-DG-002-05         high         12         potential           Culvert         47DG0020500c3         47-DG-002-05         high         15         potential           Culvert         47DG0020500c6         47-DG-002-05         high         30         potential           Culvert	Ourvent	11 01102011 0002	11 011 020 11	ingii	100	
Culvert         47DG000000c13         47-DG         high         30         potential           Culvert         47DG000000c18         47-DG         high         100         potential           Culvert         47DG000000c2         47-DG         high         100         potential           Culvert         47DG000000c2         47-DG         high         10         potential           Culvert         47DG000000c2         47-DG         high         130         potential           Culvert         47DG0000000c3         47-DG         high         20         yes, road           Culvert         47DG0000000c4         47-DG         high         30         diverted           Culvert         47DG0000000c6         47-DG         high         30         diverted           Culvert         47DG0020500c10         47-DG         high         30         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         30         potential           Culvert         47DG0020500c9         47-DG-012         high         30         potential           Cul	Culvert	47DG000000c11	47-DG	hiah	15	
Culvert         47DG0000000c18         47-DG         high         100         potential no div.           Culvert         47DG0000000c2         47-DG         high         10         potential no div.           Culvert         47DG0000000c2         47-DG         high         130         potential no div.           Culvert         47DG0000000c3         47-DG         high         20         yes, road already           Culvert         47DG0000000c4         47-DG         high         30         diverted           Culvert         47DG0000000c6         47-DG         high         30         diverted           Culvert         47DG0000000c6         47-DG         high         30         diverted           Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         30         potential           Culvert         47G30000000c5         47-G3         high         60         diready			-	ÿ	_	
Culvert         47DG0000000c18         47-DG         high         100         potential no div.           Culvert         47DG000000c2         47-DG         high         10         potential no div.           Culvert         47DG000000c20         47-DG         high         130         potential           Culvert         47DG000000c3         47-DG         high         20         yes, road           Culvert         47DG000000c4         47-DG         high         30         diverted           Culvert         47DG000000c6         47-DG         high         30         diverted           Culvert         47DG000000c6         47-DG         high         30         diverted           Culvert         47DG0020500c10         47-DG-002-05         high         12         potential           Culvert         47DG0020500c3         47-DG-002-05         high         15         potential           Culvert         47DG0020500c6         47-DG-012         high         30         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G3000000c5         47-G3         high         60         diready	Culvert	47DG000000c13	47-DG	high	30	potential
Culvert         47DG000000c2         47-DG         high         10         potential           Culvert         47DG000000c20         47-DG         high         130         potential           Culvert         47DG0000000c3         47-DG         high         130         potential           Culvert         47DG0000000c3         47-DG         high         20         yes, road           Culvert         47DG0000000c4         47-DG         high         30         diverted           Culvert         47DG0000000c6         47-DG         high         30         diverted           Culvert         47DG0020500c10         47-DG-002-05         high         12         yes, road           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         30         potential           Culvert         47DG0120000c12         47-G3         high         30         potential <t< td=""><td></td><td></td><td></td><td></td><td></td><td>no div.</td></t<>						no div.
Culvert         47DG000000c2         47-DG         high         10         potential           Culvert         47DG000000c20         47-DG         high         130         potential           Culvert         47DG000000c3         47-DG         high         20         yes, road           Culvert         47DG000000c4         47-DG         high         20         yes, road           Culvert         47DG000000c6         47-DG         high         30         diverted           Culvert         47DG000000c6         47-DG         high         30         diverted           Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         30         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential	Culvert	47DG000000c18	47-DG	high	100	potential
Culvert         47DG000000c20         47-DG         high         130         potential           Culvert         47DG000000c3         47-DG         high         20         yes, road           Culvert         47DG000000c4         47-DG         high         20         yes, road           Culvert         47DG000000c4         47-DG         high         30         diverted           Culvert         47DG000000c6         47-DG         high         30         diverted           Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         30         potential           Culvert         47G3000000c5         47-G3         high         80         yes, road           Culvert         47G30000000c6         47-G3         high         00         diverted						no div.
Culvert         47DG000000c20         47-DG         high         130         potential           Culvert         47DG000000c3         47-DG         high         20         yes, road           Culvert         47DG000000c4         47-DG         high         30         diverted           Culvert         47DG000000c6         47-DG         high         30         diverted           Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c6         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         30         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G30000000c5         47-G3         high         60         diverted	Culvert	47DG000000c2	47-DG	high	10	
Culvert         47DG000000c3         47-DG         high         20         yes, road           Culvert         47DG000000c4         47-DG         high         30         diverted           Culvert         47DG000000c6         47-DG         high         30         diverted           Culvert         47DG000000c6         47-DG         high         12         yes, road           Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-012         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         30         potential           Culvert         47G30000000c5         47-G3         high         80         yes, road           Culvert         47G30130000c16         47-G3-013         high         60         potential						
Culvert         47DG000000c4         47-DG         high         30         diverted           Culvert         47DG000000c6         47-DG         high         30         diverted           Culvert         47DG000000c6         47-DG         high         12         yes, road           Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47G30000000c5         47-G3         high         80         yes, road           already         no div.         no div.         no div.         already           Culvert         47G30000000c5         47-G3         high         60         diverted           Culvert<	Culvert	47DG000000c20	47-DG	high	130	potential
Culvert         47DG000000c4         47-DG         high         30         diverted           Culvert         47DG000000c6         47-DG         high         30         diverted           Culvert         47DG000000c6         47-DG         high         12         yes, road           Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47G30000000c5         47-G3         high         80         yes, road           already         no div.         no div.         no div.         already           Culvert         47G30000000c5         47-G3         high         60         diverted           Culvert<						
Culvert         47DG000000c4         47-DG         high         30         diverted           Culvert         47DG000000c6         47-DG         high         12         yes, road         already           Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G30000000c5         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         60	Culvert	47DG000000c3	47-DG	high	20	
Culvert         47DG000000c6         47-DG         high         12         yes, road           Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G3000000c5         47-G3         high         80         yes, road           Culvert         47G30000000c6         47-G3         high         60         diverted           Culvert         47G30000000c6         47-G3         high         60         potential           Culvert         47G30000000c6         47-G3         high         60         potential <td></td> <td>470000000-4</td> <td>47 00</td> <td>h i sih</td> <td>20</td> <td></td>		470000000-4	47 00	h i sih	20	
Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G30000000c5         47-G3         high         80         yes, road           Culvert         47G30130000c6         47-G3         high         60         diverted           0 div.         0 div.         10         10         10         10         10           Culvert         47G30130000c16         47-G3-013         high         60         potential	Culvert	47DG000000004	47-DG	nign	30	diverted
Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G30000000c5         47-G3         high         80         yes, road           Culvert         47G30130000c6         47-G3         high         60         diverted           0 div.         0 div.         10         10         10         10         10           Culvert         47G30130000c16         47-G3-013         high         60         potential	Culvert	47000000000		high	12	ves road
Culvert         47DG0020500c10         47-DG-002-05         high         80         diverted           Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G3000000c5         47-G3         high         80         yes, road           Culvert         47G30130000c6         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         poten	Cuiven	47 DG000000000	47-00	nign	12	,
Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G3000000c5         47-G3         high         80         yes, road           Culvert         47G30000000c6         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential           Culvert         47G40060000c1         47-G4-006         high         220         potenti	Culvert	47DG0020500c10	47-DG-002-05	hiah	80	
Culvert         47DG0020500c3         47-DG-002-05         high         12         potential           Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G30000000c5         47-G3         high         80         yes, road           Culvert         47G30130000c6         47-G3         high         60         diverted           0 diverted         0 diverted         0 diverted         0 diverted         0 diverted           0 divert         47G30370100c1         47-G3-037-01         high         70         yes, road           0 divert         47G40060000c1         47-G4-006         high         220         potential	Ourvent	1120002000010	11 20 002 00	ingii	00	
Culvert         47DG0020500c6         47-DG-002-05         high         15         potential           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G30000000c5         47-G3         high         80         yes, road           Culvert         47G30000000c6         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential           No div.         no div.         no div.         no div.         no div.	Culvert	47DG0020500c3	47-DG-002-05	hiah	12	
Culvert         47DG0020500c6         47-DG-002-05         high         15         potential no div.           Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G3000000c5         47-G3         high         80         yes, road           Culvert         47G30000000c6         47-G3         high         60         diverted           0 div.         0 diverted         0 diverted         0 diverted         0 diverted           0 diverted         0 diverted         0 diverted         0 diverted         0 diverted           0 diverted         0 diverted         0 diverted         0 diverted         0 diverted           0 diverted         0 diverted         0 diverted         0 diverted         0 diverted           0 diverted         0 diverted         0 diverted         0 diverted         0 diverted           0 diverted						
Culvert         47DG0020500c9         47-DG-002-05         high         30         potential           Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G3000000c5         47-G3         high         80         yes, road           Culvert         47G30000000c6         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential	Culvert	47DG0020500c6	47-DG-002-05	high	15	
Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G30000000c5         47-G3         high         80         yes, road           Culvert         47G30000000c6         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential						no div.
Culvert         47DG0120000c11         47-DG-012         high         70         potential           Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G3000000c5         47-G3         high         80         yes, road           Culvert         47G3000000c6         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential	Culvert	47DG0020500c9	47-DG-002-05	high	30	potential
Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G3000000c5         47-G3         high         80         yes, road         already           Culvert         47G3000000c6         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential           no div.         0         0         0         0         0         0						
Culvert         47DG0120000c12         47-DG-012         high         30         potential           Culvert         47G3000000c5         47-G3         high         80         yes, road           Culvert         47G3000000c6         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential           no div.         ro div.         ro div.         ro div.         ro div.	Culvert	47DG0120000c11	47-DG-012	high	70	
Culvert         47G3000000c5         47-G3         high         80         yes, road           Culvert         47G3000000c6         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential           no div.         no div.         no div.         no div.         no div.						
Culvert         47G3000000c6         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential           no div.         0         0         0         0         0         0         0	Culvert	47DG0120000c12	47-DG-012	high	30	potential
Culvert         47G3000000c6         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential           no div.         0         0         0         0         0         0         0						
Culvert         47G3000000c6         47-G3         high         60         diverted           Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential           no div.         ro div.         ro div.         ro div.         ro div.	Culvert	47G3000000c5	47-G3	high	80	
Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential           No div.         no div.         no div.         no div.         100         100		4700000000000	47.00	1.1.1	00	
Culvert         47G30130000c16         47-G3-013         high         60         potential           Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           Culvert         47G40060000c1         47-G4-006         high         220         potential           No div.         no div.         no div.         no div.         no div.	Culvert	47G3000000006	47-63	nign	60	
Culvert         47G30370100c1         47-G3-037-01         high         70         yes, road           No div.         no div.         1	Cubiort	47020120000-10	47 (2) 042	hiah	60	
No div.Culvert47G40060000c147-G4-006high220potentialno div.	Cuivert	47 030 1300000016	41-00-010	nigh	00	potential
No div.Culvert47G40060000c147-G4-006high220potentialno div.	Culvert	47630370100-1	47-63-037-01	high	70	ves road
Culvert         47G40060000c1         47-G4-006         high         220         potential           no div.		4/0303/010001	+1-00-001-01	nign	10	
no div.	Culvert	47G4006000c1	47-G4-006	hiah	220	
		11010000001		ingii	220	
Culvert 47KG000000c1 47-KG high 10 potential	Culvert	47KG0000000c1	47-KG	hiah	10	

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Culvert	47KG0000000c11	47-KG	high	8	yes, ditch
Culvert	47KG0000000c2	47-KG	high	15	no div. potential
Culvert	47KG0000000c22	47-KG	high	220	no div. potential
Culvert	47KG0000000c4	47-KG	high	10	yes, ditch
Culvert	47KG0000000c5	47-KG	high	10	yes, ditch
Culvert	47KG0020000c11	47-KG-002	high	120	yes, road
Culvert	47KG0020000c15	47-KG-002	high	60	no div. potential
Culvert	47KG0020000c3	47-KG-002	high	15	yes, ditch
Culvert	47KG0020000c4	47-KG-002	high	18	no div. potential no div.
Culvert	47KG0020000c9	47-KG-002	high	110	potential
Culvert	47KG0020600c1	47-KG-002-06	high	20	yes, road
Culvert	47KG0020600c2	47-KG-002-06	high	15	yes, ditch
Culvert	47KG0021100c1	47-KG-002-11	high	20	yes, road
Culvert	47KG0021100c14	47-KG-002-11	high	200	no div. potential
Culvert	47KG0021100c15	47-KG-002-11	high	50	no div. potential
Culvert	47KG0021100c3	47-KG-002-11	high	60	yes, ditch
Culvert	47KG0021100c4	47-KG-002-11	high	680	no div. potential
Culvert	47KG0021100c6	47-KG-002-11	high	8	no div. potential
Culvert	47KG0021100c7	47-KG-002-11	high	14	no div. potential
Culvert	47KG0021101c2	47-KG-002-11-01	high	100	no div. potential
Culvert	47KG0060000c15	47-KG-006	high	20	no div. potential
Culvert	47KG0060000c32	47-KG-006	high	12	no div. potential
Culvert	47KG0060000c5	47-KG-006	high	35	no div. potential
Culvert	47KG0060000c7	47-KG-006	high	80	yes, road

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Culvert	47KG0060600c1	47-KG-006-06	high	50	yes, road
Culvert	47KG0120000c1	47-KG-012	high	60	yes, road
Culvert	47KG0190000c9	47-KG-019	high	20	no div. potential
Culvert	47KG0380000c6	47-KG-038	high	10	no div. potential
Culvert	47MM0000000c1	47-MM	high	15	yes, ditch
Culvert	47MM0000000c12	47-MM	high	360	no div. potential
Culvert	47MM000000c3	47-MM	high	15	yes, road
Culvert	47MM0000000c7	47-MM	high	15	no div. potential
Culvert	47MM0010000c1	47-MM-001	high	10	no div. potential
Culvert	47MM0010000c2	47-MM-001	high	40	no div. potential
Culvert	47MM0050000c10	47-MM-005	high	150	no div. potential
Culvert	47MM0050000c12	47-MM-005	high	180	no div. potential
Culvert	47MM0050000c6	47-MM-005	high	150	no div. potential
Culvert	47MM0050900c1	47-MM-005-09	high	220	no div. potential
Culvert	47MM0220000c1	47-MM-022	high	100	no div. potential
Culvert	47MM0220000c2	47-MM-022	high	150	no div. potential
Culvert	47PH0000000c1	47-PH	high	25	no div. potential
Culvert	47PH0000000c14	47-PH	high	40	no div. potential
Culvert	47PH0000000c4	47-PH	high	25	yes, road
Culvert	47PH0050000c7	47-PH-005	high	30	no div. potential
Culvert	47PH0160000c1	47-PH-016	high	15	yes, ditch
Culvert	47PH0160000c2	47-PH-016	high	20	yes, road
Culvert	47PH0160000c3	47-PH-016	high	10	yes, road
Culvert	47PH0180000c12	47-PH-018	high	20	no div. potential

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					no div.
Culvert	47PH0180000c13	47-PH-018	high	60	potential
Culvert	47PH0180000c17	47-PH-018	high	200	no div. potential
Culvert	47 FHU 160000017	47-60-010	high	200	no div.
Culvert	47PH0180000c4	47-PH-018	high	45	potential
Culvert	47UG0000000c10	47-UG	high	2	yes, road
Culvert	47UG0000000c15	47-UG	high	15	no div. potential
Culvert	47UG0000000c4	47-UG	high	50	yes, road
			0		no div.
Culvert	47UG000000c6	47-UG	high	180	potential
				450	no div.
Culvert	47UK0000000c13	47-UK	high	150	potential
Culvert	47UK0000000c33	47-UK	high	120	no div. potential
Culvert	47TC0000000c1	47-TC	high	5	yes, road
Culvert	47TC0000000c2	47-TC	high	8	yes, road
Culvert	47TC0000000c5	47-TC	high	10	yes, road
					already
Culvert	47TC0000000c6	47-TC	high	12	diverted
Culvert	47TC0000000c7	47-TC	high	10	yes, road
Culvert	41ET0010201c1	41-ET-001-02-01	low	240	no div. potential
Culvert	47CH9250000c1	47-CH-925	low	10	yes, road
Cuiven	47011923000001	47-011-925	1010	10	no div.
Culvert	47CH9250000c10	47-CH-925	low	50	potential
Culvert	47040250000-2	47-CH-925	low	80	no div.
Culvert	47CH9250000c3	47-08-925	low	80	potential no div.
Culvert	47CH9250000c8	47-CH-925	low	20	potential
Culvert	47DG000000c1	47-DG	low	12	yes, road
Culvert	47DG000000c14	47-DG	low	12	no div. potential
Culvert	47DG0000000c15	47-DG	low	20	yes, road
Culvert	47DG0000000c16	47-DG	low	70	yes, road
Culvert	47DG0000000c17	47-DG	low	170	no div. potential

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
					no div.
Culvert	47DG000000c21	47-DG	low	80	potential
	470000000-7	47 00		05	no div.
Culvert	47DG000000c7	47-DG	low	25	potential
Culvert	47DG000000c8	47-DG	low	30	no div.
Culvert	47DG00000000	47-DG	low	30	potential
Culvert	47DG0020000c2	47-DG-002	low	30	yes, ditch
					no div.
Culvert	47DG0020000c3	47-DG-002	low	80	potential
	4700000000-7	17 DO 000 05	1	40	no div.
Culvert	47DG0020500c7	47-DG-002-05	low	40	potential
Cubert	4700000500-0	47 DC 002 05	low	50	no div.
Culvert	47DG0020500c8	47-DG-002-05	low	50	potential
Culvert	47G3000000c1	47-G3	low	50	yes, road
Culvert	47G3000000c3	47-G3	low	50	yes, road
	_	_			no div.
Culvert	47G30060000c3	47-G3-006	low	40	potential
			_		no div.
Culvert	47G30130000c17	47-G3-013	low	80	potential
	47000400000.7	17 00 010	1.	00	no div.
Culvert	47G30130000c7	47-G3-013	low	80	potential
Cubert	47G30130000c9	47-G3-013	low	20	no div.
Culvert	4763013000009	47-03-013	IOW	20	potential no div.
Culvert	47G30130900c1	47-G3-013-09	low	30	potential
Cuiven	4703013030001	47-03-013-03	1010	50	potential
Culvert	47G30130900c3	47-G3-013-09	low	40	yes, road
	110001000000		1011	10	<i>j</i> 00, 1044
Culvert	47G30131500c1	47-G3-013-15	low	35	yes, road
					no div.
Culvert	47G5000000c14	47-G5	low	240	potential
					no div.
Culvert	47G50000000c6	47-G5	low	150	potential
					no div.
Culvert	47G5000000c8	47-G5	low	150	potential
	_	_			no div.
Culvert	47G50130800c2	47-G5-013-08	low	400	potential
				4.5	no div.
Culvert	47KG0000000c10	47-KG	low	10	potential
Outrast	471/000000-40			05	no div.
Culvert	47KG0000000c12	47-KG	low	25	potential
Culvert	471/000000-47		low	100	no div.
Culvert	47KG0000000c17	47-KG	low	130	potential
Culvert	47KG0000000c3	47-KG	low	10	yes, ditch

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Culvert	47KG0000000c7	47-KG	low	100	yes, ditch
Culvert	47KG0000000c8	47-KG	low	24	yes, ditch
Culvert	47KG0000000c9	47-KG	low	25	yes, ditch
Culvert	47KG0020000c14	47-KG-002	low	200	no div. potential
Culvert	47KG0020000c18	47-KG-002	low	200	no div. potential
Culvert	47KG0020000c2	47-KG-002	low	40	yes, road
Culvert	47KG0020000c5	47-KG-002	low	660	no div. potential
Culvert	47KG0020000c6	47-KG-002	low	1700	no div. potential
Culvert	47KG0021100c11	47-KG-002-11	low	350	no div. potential
Culvert	47KG0021100c12	47-KG-002-11	low	200	no div. potential
Culvert	47KG0021100c13	47-KG-002-11	low	400	no div. potential
Culvert	47KG0021100c9	47-KG-002-11	low	300	no div. potential
Culvert	47KG0021101c1	47-KG-002-11-01	low	250	no div. potential
Culvert	47KG0060000c30	47-KG-006	low	70	yes, ditch
Culvert	47KG0060000c35	47-KG-006	low	8	yes, road
Culvert	47KG0060000c8	47-KG-006	low	240	yes, road
Culvert	47KG0120000c3	47-KG-012	low	25	yes, ditch
Culvert	47KG0120000c4	47-KG-012	low	200	no div. potential
Culvert	47KG0120000c5	47-KG-012	low	40	no div. potential
Culvert	47KG0120000c6	47-KG-012	low	80	yes, road
Culvert	47KG0120000c7	47-KG-012	low	160	no div. potential
Culvert	47KG0380000c3	47-KG-038	low	35	no div. potential
Culvert	47KG0380000c4	47-KG-038	low	35	no div. potential
Culvert	47KG0380000c5	47-KG-038	low	30	no div. potential

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
				_	no div.
Culvert	47MM0000000c6	47-MM	low	6	potential
Output	47141400000000	47 8484	low	20	no div.
Culvert	47MM000000c8	47-MM	low	28	potential no div.
Culvert	47MM0050000c1	47-MM-005	low	100	potential
Cuiven	471010000000000	47-10101-005	10 W	100	no div.
Culvert	47MM0050000c11	47-MM-005	low	15	potential
			1011	10	potoritiai
Culvert	47MM0050000c5	47-MM-005	low	10	yes, road
Culvert	47PH0000000c2	47-PH	low	10	yes, road
					no div.
Culvert	47PH0000000c8	47-PH	low	480	potential
			_		no div.
Culvert	47PH0000000c9	47-PH	low	300	potential
	470110400000.4	47 DU 040	1.	00	no div.
Culvert	47PH0180000c1	47-PH-018	low	30	potential
Culvert		47-PH-018	low	20	no div. potential
Cuiven	47PH0180000c14	47-60-010	low	20	no div.
Culvert	47PH0180000c16	47-PH-018	low	35	potential
Ourvent	41111010000010	47111010	1011	00	no div.
Culvert	47PH0180000c6	47-PH-018	low	200	potential
					no div.
Culvert	47PH0180000c7	47-PH-018	low	135	potential
					no div.
Culvert	47PH0180000c8	47-PH-018	low	80	potential
					no div.
Culvert	47PH0220000c7	47-PH-022	low	80	potential
					no div.
Culvert	47PH0220000c9	47-PH-022	low	20	potential
Outless at	47T00050000-5	47 TO 005	1	20	no div.
Culvert	47TC0350000c5	47-TC-035	low	30	potential
Culvert	47UG000000c1	47-UG	low	3	yes, road
Cuiveit	470900000001	47-00	10 10	5	no div.
Culvert	47UG000000c11	47-UG	low	25	potential
			1011	20	no div.
Culvert	47UG0000000c12	47-UG	low	4	potential
					no div.
Culvert	47UG000000c13	47-UG	low	35	potential
					no div.
Culvert	47UG000000c17	47-UG	low	100	potential
			_	_	
Culvert	47UG000000c18	47-UG	low	70	yes, road
Outract	47110000000-0	47.110	Ie	0	no div.
Culvert	47UG000000c3	47-UG	low	8	potential

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Culvert	47UG0000000c7	47-UG	low	45	yes, road
Culvert	47UG0000000c8	47-UG	low	160	yes, road
Culvert	47UG0000000c9	47-UG	low	35	no div. potential
Culvert	47UG0180000c1	47-UG-018	low	40	no div. potential
Culvert	47UK0000000c22	47-UK	low	35	no div. potential
Culvert	47UK0000000c23	47-UK	low	120	no div. potential
Culvert	47UK0000000c29	47-UK	low	115	no div. potential
Culvert	47TC0000000c27	47-TC	low	10	yes, road
Culvert	47TC0000000c34	47-TC	low	10	no div. potential
Culvert	47DG0000000c9	47-DG	moderate	15	yes, road
Culvert	47DG0121000c2	47-DG-012-10	moderate	120	no div. potential
Culvert	47G30130900c5	47-G3-013-09	moderate	120	no div. potential
Culvert	47KG0000000c16	47-KG	moderate	100	yes, road
Culvert	47KG0000000c23	47-KG	moderate	240	yes, road
Culvert	47KG0020000c1	47-KG-002	moderate	6	yes, road
Culvert	47KG0020000c19	47-KG-002	moderate	240	no div. potential
Culvert	47KG0021100c2	47-KG-002-11	moderate	150	no div. potential
Culvert	47UG0000000c14	47-UG	moderate	80	no div. potential
Culvert	47UG0000000c16	47-UG	moderate	10	yes, road
Culvert	47CH9250000c4	47-CH-925	none	0	no div. potential
Culvert	47CH9250000c5	47-CH-925	none	0	no div. potential
Culvert	47CH9250200c1	47-CH-925-02	none	0	no div. potential
Culvert	47CH9251300c6	47-CH-925-13	none	0	no div. potential
Culvert	47DG0020000c1	47-DG-002	none	0	yes, ditch

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Culvert	47DG0020500c1	47-DG-002-05	none	0	yes, ditch
Culvert	47G30040000c1	47-G3-004	none	0	no div. potential
Culvert	47G30130000c6	47-G3-013	none	0	no div. potential
Culvert	47G30130900c4	47-G3-013-09	none	0	yes, road
Culvert	47MM0000000c10	47-MM	none	0	yes, ditch
Culvert	47MM0000000c11	47-MM	none	0	yes, ditch
Culvert	47MM000000c4	47-MM	none	0	yes, ditch
Culvert	47MM0000000c5	47-MM	none	0	yes, ditch
Culvert	47MM0000000c9	47-MM	none	0	yes, ditch
Culvert	47MM0010000c8	47-MM-001	none	0	no div. potential
Culvert	47MM0010000c9	47-MM-001	none	0	no div. potential
Culvert	47MM0050000c13	47-MM-005	none	0	no div. potential
Culvert	47UK0000000c35	47-UK	none	0	yes, road
Landing	41CH9450000l1	41-CH-945	low	0	stable
Landing	41ET0010200l2	41-ET-001-02	low	0	stable
Landing	41HG0600000121	41-HG-060	low	0	stable
Landing	47DG0020500l3	47-DG-002-05	low	10	stable
Landing	47DG0020500l9	47-DG-002-05	low	30	stable
Landing	47DG0120000l10	47-DG-012	low	20	stable
Landing	47G30000000114	47-G3	low	10	stable
Landing	47G30120000l1	47-G3-012	low	10	stable
Landing	47G30210000l9	47-G3-021	low	150	stable
Landing	47G3022000018	47-G3-022	low	5	stable
Landing	47G30370000l6	47-G3-037	low	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47G30370600l2	47-G3-037-06	low	0	stable
Landing	47G30370600l3	47-G3-037-06	low	0	stable
Landing	47G4006000015	47-G4-006	low	300	failed- dormant
Landing	47KG0020000l12	47-KG-002	low	40	stable
Landing	47KG0021100l11	47-KG-002-11	low	30	stable
Landing	47KG0021100l13	47-KG-002-11	low	60	unstable
Landing	47KG0021101l2	47-KG-002-11-01	low	15	stable
Landing	47KG0060000l10	47-KG-006	low	15	stable
Landing	47KG006000015	47-KG-006	low	18	stable
Landing	47KG0063201l1	47-KG-006-32-01	low	20	stable
Landing	47KG0120000l10	47-KG-012	low	10	stable
Landing	47PH0000000136	47-PH	low	60	stable
Landing	47PH005000013	47-PH-005	low	22	stable
Landing	47PH0130000I5	47-PH-013	low	30	stable
Landing	47PH0130000l6	47-PH-013	low	150	stable
Landing	47PH0350000l3	47-PH-035	low	5	stable
Landing	47TC0010200l1	47-TC-001-02	low	5	stable
Landing	47TC011000018	47-TC-011	low	50	failed- dormant
Landing	47UG0090000113	47-UG-009	low	5	stable
Landing	47UG0180000l11	47-UG-018	low	4	stable
Landing	47UG0180200l2	47-UG-018-02	low	5	stable
Landing	47UG0210000l2	47-UG-021	low	4	stable
Landing	47UG021000014	47-UG-021	low	4	stable
Landing	47UK0000000134	47-UK	low	15	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47UK000000015	47-UK	low	10	stable
Landing	47UK0420500l1	47-UK-042-05	low	0	stable
Landing	47KG019000016	47-KG-019	moderate	500	unstable
Landing	41ET000000011	41-ET	none	0	stable
Landing	41ET0010000l1	41-ET-001	none	0	stable
Landing	41ET0010000l2	41-ET-001	none	0	stable
Landing	41ET0010000l3	41-ET-001	none	0	stable
Landing	41ET0010201I3	41-ET-001-02-01	none	0	stable
Landing	41ET0010300l1	41-ET-001-03	none	0	stable
Landing	41MD0000000125	41-MD	none	0	stable
Landing	41MD0000000126	41-MD	none	0	stable
Landing	41MD0000000128	41-MD	none	0	stable
Landing	41MD0000000133	41-MD	none	0	stable
Landing	41MD0370000l4	41-MD-037	none	0	stable
Landing	41MD0370000l4	41-MD-037	none	0	stable
Landing	41MD037000016	41-MD-037	none	0	stable
Landing	41MD0370400l2	41-MD-037-04	none	0	stable
Landing	41SM0000000118	41-SM	none	0	stable
Landing	41SM0200000113	41-SM-020	none	0	stable
Landing	41SM0200000114	41-SM-020	none	0	stable
Landing	41SM0200000115	41-SM-020	none	0	stable
Landing	41SM0200000116	41-SM-020	none	0	stable
Landing	41SM0200000118	41-SM-020	none	0	stable
Landing	41SM020000012	41-SM-020	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	41SM020000013	41-SM-020	none	0	stable
Landing	41SM020000014	41-SM-020	none	0	stable
Landing	41SM0201800l1	41-SM-020-18	none	0	stable
Landing	47CH8680000l2	47-CH-868	none	0	stable
Landing	47CH9250000l1	47-CH-925	none	0	stable
Landing	47CH9250000l10	47-CH-925	none	0	stable
Landing	47CH9250000l12	47-CH-925	none	0	stable
Landing	47CH9250000l16	47-CH-925	none	0	stable
Landing	47CH9250000l17	47-CH-925	none	0	stable
Landing	47CH9250000l20	47-CH-925	none	0	stable
Landing	47CH925000018	47-CH-925	none	0	stable
Landing	47CH9250200l2	47-CH-925-02	none	0	stable
Landing	47CH9250200l3	47-CH-925-02	none	0	stable
Landing	47CH9250200l6	47-CH-925-02	none	0	stable
Landing	47CH925020018	47-CH-925-02	none	0	stable
Landing	47CH9250600l3	47-CH-925-06	none	0	stable
Landing	47CH9250600l4	47-CH-925-06	none	0	stable
Landing	47CH9251300l1	47-CH-925-13	none	0	stable
Landing	47CH9251300l3	47-CH-925-13	none	0	stable
Landing	47CH9251300l4	47-CH-925-13	none	0	stable
Landing	47CH9251700l2	47-CH-925-17	none	0	stable
Landing	47CH9251700l3	47-CH-925-17	none	0	stable
Landing	47CH9251800l1	47-CH-925-18	none	0	stable
Landing	47DG0000000110	47-DG	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47DG0000000113	47-DG	none	0	stable
Landing	47DG0000000117	47-DG	none	0	stable
Landing	47DG0000000121	47-DG	none	0	stable
Landing	47DG000000013	47-DG	none	0	stable
Landing	47DG000000014	47-DG	none	0	stable
Landing	47DG000000016	47-DG	none	0	stable
Landing	47DG00000018	47-DG	none	0	stable
Landing	47DG006000011	47-DG-006	none	0	stable
Landing	47DG006000013	47-DG-006	none	0	stable
Landing	47DG006000015	47-DG-006	none	0	stable
Landing	47DG0120000l1	47-DG-012	none	0	stable
Landing	47DG0120000l13	47-DG-012	none	0	stable
Landing	47DG0120000l4	47-DG-012	none	0	stable
Landing	47DG012000017	47-DG-012	none	0	stable
Landing	47DG012000018	47-DG-012	none	0	stable
Landing	47DG0120500l1	47-DG-012-05	none	0	stable
Landing	47DG0121000l1	47-DG-012-10	none	0	stable
Landing	47DG0121000l2	47-DG-012-10	none	0	stable
Landing	47G3000000011	47-G3	none	0	stable
Landing	47G30000000110	47-G3	none	0	stable
Landing	47G30000000111	47-G3	none	0	stable
Landing	47G30000000112	47-G3	none	0	stable
Landing	47G30000000113	47-G3	none	0	stable
Landing	47G30000000115	47-G3	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47G30000000119	47-G3	none	0	stable
Landing	47G30000000122	47-G3	none	0	stable
Landing	47G30000000124	47-G3	none	0	stable
Landing	47G30000000126	47-G3	none	0	stable
Landing	47G30000000129	47-G3	none	0	stable
Landing	47G30000000136	47-G3	none	0	stable
Landing	47G30000000137	47-G3	none	0	stable
Landing	47G3000000019	47-G3	none	0	stable
Landing	47G30060000l1	47-G3-006	none	0	stable
Landing	47G3006000016	47-G3-006	none	0	stable
Landing	47G3006000017	47-G3-006	none	0	stable
Landing	47G30060800l1	47-G3-006-08	none	0	stable
Landing	47G30060900l1	47-G3-006-09	none	0	stable
Landing	47G30060900l3	47-G3-006-09	none	0	stable
Landing	47G30100000l1	47-G3-010	none	0	stable
Landing	47G30130000l10	47-G3-013	none	0	stable
Landing	47G30130000l12	47-G3-013	none	0	stable
Landing	47G30130000l13	47-G3-013	none	0	stable
Landing	47G30130000l14	47-G3-013	none	0	stable
Landing	47G30130000l15	47-G3-013	none	0	stable
Landing	47G30130000l17	47-G3-013	none	0	stable
Landing	47G30130000l5	47-G3-013	none	0	stable
Landing	47G30130000l9	47-G3-013	none	0	stable
Landing	47G30130300l1	47-G3-013-03	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47G30130300l3	47-G3-013-03	none	0	stable
Landing	47G30130301l1	47-G3-013-03-01	none	0	stable
Landing	47G30130900l4	47-G3-013-09	none	0	stable
Landing	47G30130900l5	47-G3-013-09	none	0	stable
Landing	47G30130902l1	47-G3-013-09-02	none	0	stable
Landing	47G30130902l2	47-G3-013-09-02	none	0	stable
Landing	47G30130903l1	47-G3-013-09-03	none	0	stable
Landing	47G30130904l1	47-G3-013-09-04	none	0	stable
Landing	47G30130904l2	47-G3-013-09-04	none	0	stable
Landing	47G30130904l3	47-G3-013-09-04	none	0	stable
Landing	47G30131500l1	47-G3-013-15	none	0	stable
Landing	47G30131500l2	47-G3-013-15	none	0	stable
Landing	47G30131700l1	47-G3-013-17	none	0	stable
Landing	47G30131900l1	47-G3-013-19	none	0	stable
Landing	47G30140000l1	47-G3-014	none	0	stable
Landing	47G30150000l1	47-G3-015	none	0	stable
Landing	47G30160000l3	47-G3-016	none	0	stable
Landing	47G30160000l4	47-G3-016	none	0	stable
Landing	47G30180000l1	47-G3-018	none	0	stable
Landing	47G3020000011	47-G3-020	none	0	stable
Landing	47G30210000l1	47-G3-021	none	0	stable
Landing	47G30210000l5	47-G3-021	none	0	stable
Landing	47G30210000l7	47-G3-021	none	0	stable
Landing	47G30210000l8	47-G3-021	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47G30210600l1	47-G3-021-06	none	0	stable
Landing	47G30220000l3	47-G3-022	none	0	stable
Landing	47G30220000l4	47-G3-022	none	0	stable
Landing	47G30220200l1	47-G3-022-02	none	0	stable
Landing	47G30220400l1	47-G3-022-04	none	0	stable
Landing	47G30240000l1	47-G3-024	none	0	stable
Landing	47G30310000l1	47-G3-031	none	0	stable
Landing	47G30370000l7	47-G3-037	none	0	stable
Landing	47G30370100l1	47-G3-037-01	none	0	stable
Landing	47G30370100l2	47-G3-037-01	none	0	stable
Landing	47G30370100l5	47-G3-037-01	none	0	stable
Landing	47G40060000113	47-G4-006	none	0	failed- dormant
Landing	47G40061100l3	47-G4-006-11	none	0	stable
Landing	47G50000000111	47-G5	none	0	stable
Landing	47G50000000112	47-G5	none	0	stable
Landing	47G50000000114	47-G5	none	0	stable
Landing	47G50000000115	47-G5	none	0	stable
Landing	47G50000000116	47-G5	none	0	stable
Landing	47G50000000118	47-G5	none	0	stable
Landing	47G5000000012	47-G5	none	0	stable
Landing	47G500000013	47-G5	none	0	stable
Landing	47G5000000014	47-G5	none	0	stable
Landing	47G5000000016	47-G5	none	0	stable
Landing	47G500000018	47-G5	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47G5000000019	47-G5	none	0	stable
Landing	47G50130000l20	47-G5-013	none	0	stable
Landing	47G50130000l5	47-G5-013	none	0	stable
Landing	47G5013000018	47-G5-013	none	0	stable
Landing	47G50130700l3	47-G5-013-07	none	0	stable
Landing	47G50130800l1	47-G5-013-08	none	0	stable
Landing	47G50131300l1	47-G5-013-13	none	0	stable
Landing	47KG0000000129	47-KG	none	0	stable
Landing	47KG0000000133	47-KG	none	0	stable
Landing	47KG0000000134	47-KG	none	0	stable
Landing	47KG0000000138	47-KG	none	0	stable
Landing	47KG0000000144	47-KG	none	0	stable
Landing	47KG0000000146	47-KG	none	0	stable
Landing	47KG0020000115	47-KG-002	none	0	stable
Landing	47KG0020000117	47-KG-002	none	0	stable
Landing	47KG0020000l20	47-KG-002	none	0	stable
Landing	47KG0020000l21	47-KG-002	none	0	stable
Landing	47KG0020000l22	47-KG-002	none	0	stable
Landing	47KG002000017	47-KG-002	none	0	stable
Landing	47KG002000018	47-KG-002	none	0	stable
Landing	47KG0020600l1	47-KG-002-06	none	0	stable
Landing	47KG0021100l1	47-KG-002-11	none	0	stable
Landing	47KG0021100l10	47-KG-002-11	none	0	stable
Landing	47KG0021100l12	47-KG-002-11	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47KG0021100l2	47-KG-002-11	none	0	stable
Landing	47KG0021100l4	47-KG-002-11	none	0	stable
Landing	47KG0021100l7	47-KG-002-11	none	0	stable
Landing	47KG0021100l8	47-KG-002-11	none	0	stable
Landing	47KG0021101l1	47-KG-002-11-01	none	0	stable
Landing	47KG0021102l1	47-KG-002-11-02	none	0	stable
Landing	47KG0060000l12	47-KG-006	none	0	stable
Landing	47KG0060000114	47-KG-006	none	0	stable
Landing	47KG0060000117	47-KG-006	none	0	stable
Landing	47KG0060000118	47-KG-006	none	0	stable
Landing	47KG0060000l22	47-KG-006	none	0	stable
Landing	47KG0060000l24	47-KG-006	none	0	stable
Landing	47KG0060000l26	47-KG-006	none	0	stable
Landing	47KG0060000l28	47-KG-006	none	0	unstable
Landing	47KG0060000l30	47-KG-006	none	0	stable
Landing	47KG0060000l32	47-KG-006	none	0	stable
Landing	47KG0060000133	47-KG-006	none	0	stable
Landing	47KG0060000134	47-KG-006	none	0	stable
Landing	47KG0060000135	47-KG-006	none	0	stable
Landing	47KG0060000137	47-KG-006	none	0	stable
Landing	47KG006000014	47-KG-006	none	0	stable
Landing	47KG006000017	47-KG-006	none	0	stable
Landing	47KG0060600l1	47-KG-006-06	none	0	stable
Landing	47KG006060016	47-KG-006-06	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47KG006060019	47-KG-006-06	none	0	stable
Landing	47KG006060111	47-KG-006-06-01	none	0	stable
Landing	47KG0063200l2	47-KG-006-32	none	0	stable
Landing	47KG0063200l3	47-KG-006-32	none	0	stable
Landing	47KG0063201l2	47-KG-006-32-01	none	0	stable
Landing	47KG0120000l9	47-KG-012	none	0	stable
Landing	47KG0140000l1	47-KG-014	none	0	stable
Landing	47KG0140000l2	47-KG-014	none	0	stable
Landing	47KG0190000l12	47-KG-019	none	0	stable
Landing	47KG0190000l13	47-KG-019	none	0	stable
Landing	47KG0190000l14	47-KG-019	none	0	stable
Landing	47KG0190000l15	47-KG-019	none	0	stable
Landing	47KG0190000l17	47-KG-019	none	0	stable
Landing	47KG0240000l3	47-KG-024	none	0	stable
Landing	47KG0270000l1	47-KG-027	none	0	stable
Landing	47KG0310000l1	47-KG-031	none	0	stable
Landing	47KG0310000l2	47-KG-031	none	0	stable
Landing	47KG0360000l1	47-KG-036	none	0	stable
Landing	47KG0380000l1	47-KG-038	none	0	stable
Landing	47KG0380000l2	47-KG-038	none	0	stable
Landing	47KG0380000l4	47-KG-038	none	0	stable
Landing	47KG0380000l6	47-KG-038	none	0	stable
Landing	47KG0390000l1	47-KG-039	none	0	stable
Landing	47KG0391200l1	47-KG-039-12	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47KG0391200l2	47-KG-039-12	none	0	stable
Landing	47KG0391200l3	47-KG-039-12	none	0	stable
Landing	47KG0391200l4	47-KG-039-12	none	0	stable
Landing	47KG040000015	47-KG-040	none	0	stable
Landing	47KG040000017	47-KG-040	none	0	stable
Landing	47KG0400300l1	47-KG-040-03	none	0	stable
Landing	47MM000000011	47-MM	none	0	stable
Landing	47MM0000000110	47-MM	none	0	stable
Landing	47MM0000000114	47-MM	none	0	failed- dormant
Landing	47MM0000000116	47-MM	none	0	stable
Landing	47MM0000000118	47-MM	none	0	stable
Landing	47MM000000012	47-MM	none	0	stable
Landing	47MM0000000120	47-MM	none	0	stable
Landing	47MM0000000122	47-MM	none	0	stable
Landing	47MM0000000123	47-MM	none	0	stable
Landing	47MM000000017	47-MM	none	0	stable
Landing	47MM000000019	47-MM	none	0	stable
Landing	47MM0050000l12	47-MM-005	none	0	stable
Landing	47MM0050000l13	47-MM-005	none	0	stable
Landing	47MM0050000l14	47-MM-005	none	0	failed- dormant
Landing	47MM0050000l3	47-MM-005	none	0	stable
Landing	47MM0050000l6	47-MM-005	none	0	stable
Landing	47MM005000018	47-MM-005	none	0	stable
Landing	47MM0050200l1	47-MM-005-02	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47MM0050600l2	47-MM-005-06	none	0	stable
Landing	47MM0050900l1	47-MM-005-09	none	0	stable
Landing	47MM0050900l2	47-MM-005-09	none	0	stable
Landing	47MM0170000l1	47-MM-017	none	0	stable
Landing	47MM020000011	47-MM-020	none	0	stable
Landing	47MM0220000l1	47-MM-022	none	0	stable
Landing	47MM0220000l2	47-MM-022	none	0	stable
Landing	47MM0230000l1	47-MM-023	none	0	stable
Landing	47PH0000000111	47-PH	none	0	stable
Landing	47PH0000000117	47-PH	none	0	stable
Landing	47PH0000000119	47-PH	none	0	stable
Landing	47PH0000000121	47-PH	none	0	stable
Landing	47PH0000000123	47-PH	none	0	stable
Landing	47PH0000000125	47-PH	none	0	stable
Landing	47PH0000000126	47-PH	none	0	stable
Landing	47PH0000000127	47-PH	none	0	stable
Landing	47PH0000000128	47-PH	none	0	stable
Landing	47PH0000000129	47-PH	none	0	stable
Landing	47PH0000000131	47-PH	none	0	stable
Landing	47PH0000000134	47-PH	none	0	stable
Landing	47PH0000000139	47-PH	none	0	stable
Landing	47PH0000000142	47-PH	none	0	stable
Landing	47PH0000000143	47-PH	none	0	stable
Landing	47PH0000000148	47-PH	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47PH0030000I1	47-PH-003	none	0	stable
Landing	47PH0030000I3	47-PH-003	none	0	stable
Landing	47PH0030200l1	47-PH-003-02	none	0	stable
Landing	47PH0050000l11	47-PH-005	none	0	stable
Landing	47PH0050000115	47-PH-005	none	0	stable
Landing	47PH005000018	47-PH-005	none	0	stable
Landing	47PH005000019	47-PH-005	none	0	stable
Landing	47PH0051300l1	47-PH-005-13	none	0	stable
Landing	47PH0051700l1	47-PH-005-17	none	0	stable
Landing	47PH0120000l1	47-PH-012	none	0	stable
Landing	47PH0160000l2	47-PH-016	none	0	stable
Landing	47PH0180000I10	47-PH-018	none	0	stable
Landing	47PH0180000l12	47-PH-018	none	0	stable
Landing	47PH0180000I15	47-PH-018	none	0	stable
Landing	47PH0180000I17	47-PH-018	none	0	stable
Landing	47PH0180000I3	47-PH-018	none	0	stable
Landing	47PH0180000I5	47-PH-018	none	0	stable
Landing	47PH0210000l2	47-PH-021	none	0	stable
Landing	47PH0210000l4	47-PH-021	none	0	stable
Landing	47PH0210300l1	47-PH-021-03	none	0	stable
Landing	47PH0210300l2	47-PH-021-03	none	0	stable
Landing	47PH0210500l1	47-PH-021-05	none	0	stable
Landing	47PH0220000I12	47-PH-022	none	0	stable
Landing	47PH0220000l13	47-PH-022	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47PH0220000I3	47-PH-022	none	0	stable
Landing	47PH0220000I4	47-PH-022	none	0	stable
Landing	47PH022000016	47-PH-022	none	0	stable
Landing	47PH022000018	47-PH-022	none	0	stable
Landing	47PH023000011	47-PH-023	none	0	stable
Landing	47PH0270000I3	47-PH-027	none	0	stable
Landing	47PH0270000l4	47-PH-027	none	0	stable
Landing	47PH027020012	47-PH-027-02	none	0	stable
Landing	47PH029000011	47-PH-029	none	0	stable
Landing	47PH0310000I1	47-PH-031	none	0	stable
Landing	47PH032000011	47-PH-032	none	0	stable
Landing	47PH0330000l1	47-PH-033	none	0	stable
Landing	47PH0350000l1	47-PH-035	none	0	stable
Landing	47PH0350000I10	47-PH-035	none	0	stable
Landing	47PH0350000l11	47-PH-035	none	0	stable
Landing	47PH0350000l12	47-PH-035	none	0	stable
Landing	47PH0350000l14	47-PH-035	none	0	stable
Landing	47PH0350000115	47-PH-035	none	0	stable
Landing	47PH035000016	47-PH-035	none	0	stable
Landing	47PH035000017	47-PH-035	none	0	stable
Landing	47PH035000018	47-PH-035	none	0	stable
Landing	47PH035000019	47-PH-035	none	0	stable
Landing	47PH0350800l1	47-PH-035-08	none	0	stable
Landing	47PH0350800l2	47-PH-035-08	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47PH0351200l1	47-PH-035-12	none	0	stable
Landing	47PH0351300l1	47-PH-035-13	none	0	stable
Landing	47PH0351400l1	47-PH-035-14	none	0	stable
Landing	47TC0000000118	47-TC	none	0	stable
Landing	47TC000000014	47-TC	none	0	stable
Landing	47TC000000016	47-TC	none	0	stable
Landing	47TC000000017	47-TC	none	0	stable
Landing	47TC000000019	47-TC	none	0	stable
Landing	47TC0010000l4	47-TC-001	none	0	stable
Landing	47TC0010000l5	47-TC-001	none	0	stable
Landing	47TC0050000l1	47-TC-005	none	0	stable
Landing	47TC0050000l4	47-TC-005	none	0	stable
Landing	47TC005000015	47-TC-005	none	0	stable
Landing	47TC0070000l1	47-TC-007	none	0	stable
Landing	47TC009000012	47-TC-009	none	0	stable
Landing	47TC009000013	47-TC-009	none	0	stable
Landing	47TC009000014	47-TC-009	none	0	stable
Landing	47TC0090100l1	47-TC-009-01	none	0	stable
Landing	47TC0090100l2	47-TC-009-01	none	0	stable
Landing	47TC0110000I3	47-TC-011	none	0	stable
Landing	47TC0110000l6	47-TC-011	none	0	stable
Landing	47TC0210000I1	47-TC-021	none	0	stable
Landing	47TC0210000I5	47-TC-021	none	0	stable
Landing	47TC021000016	47-TC-021	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47TC021000017	47-TC-021	none	0	stable
Landing	47TC0230000l1	47-TC-023	none	0	stable
Landing	47TC035000017	47-TC-035	none	0	stable
Landing	47TC035000019	47-TC-035	none	0	stable
Landing	47TC0350300l1	47-TC-035-03	none	0	stable
Landing	47TC0350401I2	47-TC-035-04-01	none	0	stable
Landing	47TC0350401I3	47-TC-035-04-01	none	0	stable
Landing	47TC0350900l2	47-TC-035-09	none	0	stable
Landing	47TC0350901I2	47-TC-035-09-01	none	0	stable
Landing	47UG0000000113	47-UG	none	0	stable
Landing	47UG0000000114	47-UG	none	0	stable
Landing	47UG0000000116	47-UG	none	0	stable
Landing	47UG000000012	47-UG	none	0	stable
Landing	47UG0000000124	47-UG	none	0	stable
Landing	47UG0000000126	47-UG	none	0	stable
Landing	47UG0000000127	47-UG	none	0	stable
Landing	47UG0000000129	47-UG	none	0	stable
Landing	47UG0000000131	47-UG	none	0	stable
Landing	47UG0000000135	47-UG	none	0	stable
Landing	47UG0000000136	47-UG	none	0	stable
Landing	47UG0000000137	47-UG	none	0	stable
Landing	47UG0000000138	47-UG	none	0	stable
Landing	47UG000000018	47-UG	none	0	stable
Landing	47UG0090000110	47-UG-009	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47UG0090000112	47-UG-009	none	0	stable
Landing	47UG0090000117	47-UG-009	none	0	stable
Landing	47UG0090000118	47-UG-009	none	0	stable
Landing	47UG009000016	47-UG-009	none	0	stable
Landing	47UG0091000l1	47-UG-009-10	none	0	stable
Landing	47UG0091000l2	47-UG-009-10	none	0	stable
Landing	47UG0140000l1	47-UG-014	none	0	stable
Landing	47UG0180000l1	47-UG-018	none	0	stable
Landing	47UG0180000l12	47-UG-018	none	0	stable
Landing	47UG0180000l2	47-UG-018	none	0	stable
Landing	47UG0180000l3	47-UG-018	none	0	stable
Landing	47UG0180000l4	47-UG-018	none	0	stable
Landing	47UG018000015	47-UG-018	none	0	stable
Landing	47UG018000017	47-UG-018	none	0	stable
Landing	47UG018000018	47-UG-018	none	0	stable
Landing	47UG018000019	47-UG-018	none	0	stable
Landing	47UG0180200l1	47-UG-018-02	none	0	stable
Landing	47UG0180200I3	47-UG-018-02	none	0	stable
Landing	47UG018020111	47-UG-018-02-01	none	0	stable
Landing	47UG0180500l1	47-UG-018-05	none	0	stable
Landing	47UG0180500l4	47-UG-018-05	none	0	stable
Landing	47UG0180900l1	47-UG-018-09	none	0	stable
Landing	47UG0180900l2	47-UG-018-09	none	0	stable
Landing	47UG021000016	47-UG-021	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47UG021000018	47-UG-021	none	0	stable
Landing	47UG021000019	47-UG-021	none	0	stable
Landing	47UG0210600l1	47-UG-021-06	none	0	stable
Landing	47UG032000011	47-UG-032	none	0	stable
Landing	47UG0320000l2	47-UG-032	none	0	stable
Landing	47UG032000014	47-UG-032	none	0	stable
Landing	47UG032000015	47-UG-032	none	0	stable
Landing	47UG032000016	47-UG-032	none	0	stable
Landing	47UG032000018	47-UG-032	none	0	stable
Landing	47UG032000019	47-UG-032	none	0	stable
Landing	47UG0320100l1	47-UG-032-01	none	0	stable
Landing	47UG0320300l1	47-UG-032-03	none	0	stable
Landing	47UG0320500l1	47-UG-032-05	none	0	stable
Landing	47UG0340000l4	47-UG-034	none	0	stable
Landing	47UG034000017	47-UG-034	none	0	stable
Landing	47UG034000018	47-UG-034	none	0	stable
Landing	47UG0340500l1	47-UG-034-05	none	0	stable
Landing	47UG0340500l2	47-UG-034-05	none	0	stable
Landing	47UG0340800l1	47-UG-034-08	none	0	stable
Landing	47UG0360000116	47-UG-036	none	0	stable
Landing	47UG0360000l19	47-UG-036	none	0	stable
Landing	47UG0360000l3	47-UG-036	none	0	stable
Landing	47UK000000011	47-UK	none	0	stable
Landing	47UK0000000110	47-UK	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47UK0000000117	47-UK	none	0	stable
Landing	47UK000000012	47-UK	none	0	stable
Landing	47UK0000000124	47-UK	none	0	stable
Landing	47UK0000000129	47-UK	none	0	stable
Landing	47UK000000013	47-UK	none	0	stable
Landing	47UK0000000131	47-UK	none	0	stable
Landing	47UK0000000137	47-UK	none	0	stable
Landing	47UK0000000138	47-UK	none	0	stable
Landing	47UK0000000139	47-UK	none	0	stable
Landing	47UK0000000141	47-UK	none	0	stable
Landing	47UK000000016	47-UK	none	0	stable
Landing	47UK000000017	47-UK	none	0	stable
Landing	47UK0110000l1	47-UK-011	none	0	stable
Landing	47UK0190000l2	47-UK-019	none	0	stable
Landing	47UK0190000l3	47-UK-019	none	0	stable
Landing	47UK0210000l1	47-UK-021	none	0	stable
Landing	47UK0210000l2	47-UK-021	none	0	stable
Landing	47UK0270000l1	47-UK-027	none	0	stable
Landing	47UK0270000l2	47-UK-027	none	0	stable
Landing	47UK0270000l3	47-UK-027	none	0	stable
Landing	47UK0270400l1	47-UK-027-04	none	0	stable
Landing	47UK0270500l1	47-UK-027-05	none	0	stable
Landing	47UK0270500l2	47-UK-027-05	none	0	stable
Landing	47UK0270501l1	47-UK-027-05-01	none	0	stable

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Landing	47UK0290000l1	47-UK-029	none	0	stable
Landing	47UK0370000l1	47-UK-037	none	0	stable
Landing	47UK0420000l10	47-UK-042	none	0	stable
Landing	47UK042000013	47-UK-042	none	0	stable
Landing	47UK0420000l3	47-UK-042	none	0	stable
Landing	47UK042000017	47-UK-042	none	0	stable
Landing	47UK042000018	47-UK-042	none	0	stable
Landing	47UK042000018	47-UK-042	none	0	stable
Landing	47UK0420600l1	47-UK-042-06	none	0	stable
Landing	47UK0420800l1	47-UK-042-08	none	0	stable
Landing	47UK0421000l3	47-UK-042-10	none	0	stable
Landing	47UK0421001I2	47-UK-042-10-01	none	0	stable
Landing	47UK0421001I3	47-UK-042-10-01	none	0	stable
Landing	47UK0421002l1	47-UK-042-10-02	none	0	stable
Landing	47UK0421003l1	47-UK-042-10-03	none	0	stable
Erosion feature	41ET0010200e1	41-ET-001-02	low	35	major rilling
Erosion feature	41SM0200000e16	41-SM-020	low	5	major rilling
Erosion feature	46TC0210000e5	47-TC-021	low	5	major rilling
Erosion feature	47CC0100000e1	47-CC-010	low	8	gully
Erosion feature	47CC0100000e2	47-CC-010	low	40	gully
Erosion feature	47CC0100000e3	47-CC-010	low	3	gully
Erosion feature	47CC0100000e4	47-CC-010	low	10	gully
Erosion feature	47CC0100000e5	47-CC-010	low	5	gully
Erosion feature	47CH9250000e4	47-CH-925	low	5	gully

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Erosion feature	47DG0000000e1	47-DG	low	10	gully
Erosion feature	47DG0000000e17	47-DG	low	12	gully
Erosion feature	47DG0000000e2	47-DG	low	5	gully
Erosion feature	47DG0000000e21	47-DG	low	40	gully
Erosion feature	47DG0000000e7	47-DG	low	1	major rilling
Erosion feature	47DG0020500e1	47-DG-002-05	low	5	gully
Erosion feature	47G30060000e6	47-G3-006	low	3	major rilling
Erosion feature	47G30131500e1	47-G3-013-15	low	5	major rilling
Erosion feature	47G30220000e10	47-G3-022	low	5	gully
Erosion feature	47G30370100e1	47-G3-037-01	low	2	major rilling
Erosion feature	47G30370100e2	47-G3-037-01	low	5	major rilling
Erosion feature	47G30370100e3	47-G3-037-01	low	5	major rilling
Erosion feature	47G40020000e4	47-G4-002	low	25	gully
Erosion feature	47G50130000e1	47-G5-013	low	6	gully
Erosion feature	47G50130000e12	47-G5-013	low	15	gully
Erosion feature	47KG0020000e10	47-KG-002	low	20	gully
Erosion feature	47KG0020000e14	47-KG-002	low	8	gully
Erosion feature	47KG0020000e6	47-KG-002	low	10	gully
Erosion feature	47KG0020000e9	47-KG-002	low	8	gully
Erosion feature	47KG0021100e12	47-KG-002-11	low	15	gully
Erosion feature	47KG0021100e6	47-KG-002-11	low	10	gully
Erosion feature	47KG0021101e1	47-KG-002-11-01	low	25	gully
Erosion feature	47KG0021101e2	47-KG-002-11-01	low	10	gully
Erosion feature	47KG0060000e29	47-KG-006	low	4	major rilling

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Erosion feature	47KG0060000e8	47-KG-006	low	3	major rilling
Erosion feature	47KG0060600e10	47-KG-006-06	low	15	gully
Erosion feature	47KG0060600e4	47-KG-006-06	low	10	gully
Erosion feature	47KG0063200e1	47-KG-006-32	low	3	major rilling
Erosion feature	47KG0190000e1	47-KG-019	low	15	gully
Erosion feature	47KG0190000e13	47-KG-019	low	20	gully
Erosion feature	47KG0190000e2	47-KG-019	low	150	gully
Erosion feature	47KG0190000e3	47-KG-019	low	80	gully
Erosion feature	47KG0190000e4	47-KG-019	low	50	gully
Erosion feature	47KG0190000e5	47-KG-019	low	150	gully
Erosion feature	47MM0000000e19	47-MM	low	40	gully
Erosion feature	47MM0000000e6	47-MM	low	80	gully
Erosion feature	47PH0160000e1	47-PH-016	low	3	major rilling
Erosion feature	47PH0180000e1	47-PH-018	low	2	major rilling
Erosion feature	47PH0180000e7	47-PH-018	low	40	gully
Erosion feature	47PH0270000e2	47-PH-027	low	3	major rilling
Erosion feature	47TC0010000e4	47-TC-001	low	3	major rilling
Erosion feature	47UG0000000e16	47-UG	low	8	major rilling
Erosion feature	47UG000000e33	47-UG	low	6	major rilling
Erosion feature	47UG0180000e6	47-UG-018	low	2	gully
Erosion feature	47UG0180000e9	47-UG-018	low	2	major rilling
Erosion feature	47UG0180201e1	47-UG-018-02-01	low	5	gully
Erosion feature	47UG0180500e1	47-UG-018-05	low	8	gully
Erosion feature	47UK0270000e1	47-UK-027	low	5	major rilling

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Erosion feature	47TC0350101e1	47-TC-035-01-01	low	2	major rilling
Erosion feature	47TC0350300e1	47-TC-035-03	low	10	gully
Erosion feature	41SM0200000e6	41-SM-020	none	0	major rilling
Erosion feature	47CC0000000e10	47-CC	none	0	gully
Erosion feature	47CC0000000e11	47-CC	none	0	gully
Erosion feature	47CC0000000e9	47-CC	none	0	gully
Erosion feature	47G40061100e1	47-G4-006-11	none	0	gully
Erosion feature	47KG0190000e16	47-KG-019	none	0	major rilling
Erosion feature	47KG0190000e7	47-KG-019	none	0	gully
Road slide	47CC0000000r12	47-CC	low	25	fill
Road slide	47CH9250000r5	47-CH-925	low	20	fill
Road slide	47DG0000000r14	47-DG	low	15	cutbank
Road slide	47DG0020500r3	47-DG-002-05	low	30	cutbank
Road slide	47G30220000r9	47-G3-022	low	10	cutbank
Road slide	47G40060000r5	47-G4-006	low	8	cutbank
Road slide	47G40060000r7	47-G4-006	low	30	streambank
Road slide	47G50000000r10	47-G5	low	100	cutbank
Road slide	47KG0020000r14	47-KG-002	low	15	fill
Road slide	47KG0021100r11	47-KG-002-11	low	50	cutbank
Road slide	47KG0021100r12	47-KG-002-11	low	40	fill
Road slide	47KG0021100r13	47-KG-002-11	low	30	cutbank
Road slide	47KG0021100r14	47-KG-002-11	low	60	fill
Road slide	47KG0021100r3	47-KG-002-11	low	10	cutbank
Road slide	47KG0021101r1	47-KG-002-11-01	low	40	fill

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Road slide	47KG0060000r13	47-KG-006	low	2	cutbank
Road slide	47KG0060000r16	47-KG-006	low	5	fill
Road slide	47KG0190000r1	47-KG-019	low	30	streambank
Road slide	47KG0190000r5	47-KG-019	low	185	streambank
Road slide	47PH0050000r10	47-PH-005	low	30	cutbank
Road slide	47PH0050000r11	47-PH-005	low	25	fill
Road slide	47PH0050000r14	47-PH-005	low	20	cutbank
Road slide	47PH0050000r7	47-PH-005	low	15	fill
Road slide	47PH0180000r16	47-PH-018	low	20	fill
Road slide	47PH0180000r5	47-PH-018	low	20	fill
Road slide	47PH0180000r6	47-PH-018	low	60	fill
Road slide	47PH0180000r8	47-PH-018	low	15	fill
Road slide	47PH0180000r9	47-PH-018	low	40	fill
Road slide	47TC0110000r6	47-TC-011	low	30	fill
Road slide	47TC0110000r7	47-TC-011	low	10	fill
Road slide	47UG0000000r35	47-UG	low	10	fill
Road slide	47UG0090000r15	47-UG-009	low	10	fill
Road slide	47UK0000000r40	47-UK	low	10	fill
Road slide	47CC0000000r10	47-CC	none	0	cutbank
Road slide	47CC0000000r11	47-CC	none	0	cutbank
Road slide	47CC0000000r9	47-CC	none	0	cutbank
Road slide	47CC0100000r1	47-CC-010	none	0	cutbank
Road slide	47CC0100000r2	47-CC-010	none	0	cutbank
Road slide	47CC0100000r3	47-CC-010	none	0	cutbank

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Road slide	47CC0100000r6	47-CC-010	none	0	fill
Road slide	47CH9250000r11	47-CH-925	none	0	fill
Road slide	47CH9250000r19	47-CH-925	none	0	cutbank
Road slide	47CH9250600r1	47-CH-925-06	none	0	fill
Road slide	47DG0000000r15	47-DG	none	0	cutbank
Road slide	47DG0020500r7	47-DG-002-05	none	0	cutbank
Road slide	47DG0020500r8	47-DG-002-05	none	0	cutbank
Road slide	47DG0121000r2	47-DG-012-10	none	0	cutbank
Road slide	47G30060900r2	47-G3-006-09	none	0	cutbank
Road slide	47G30060900r3	47-G3-006-09	none	0	cutbank
Road slide	47G30130300r1	47-G3-013-03	none	0	cutbank
Road slide	47G30220000r10	47-G3-022	none	0	cutbank
Road slide	47G30220000r11	47-G3-022	none	0	fill
Road slide	47G40010000r1	47-G4-001	none	0	streambank
Road slide	47G40010000r3	47-G4-001	none	0	streambank
Road slide	47G40020000r5	47-G4-002	none	0	fill
Road slide	47G40020000r6	47-G4-002	none	0	fill
Road slide	47G40060000r1	47-G4-006	none	0	cutbank
Road slide	47G40060000r10	47-G4-006	none	0	cutbank
Road slide	47G40060000r12	47-G4-006	none	0	cutbank
Road slide	47G40060000r2	47-G4-006	none	0	cutbank
Road slide	47G40060000r3	47-G4-006	none	0	cutbank
Road slide	47G40060000r4	47-G4-006	none	0	cutbank
Road slide	47G40060000r6	47-G4-006	none	0	cutbank

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Road slide	47G40060000r8	47-G4-006	none	0	cutbank
Road slide	47G40061100r1	47-G4-006-11	none	0	streambank
Road slide	47G40061100r2	47-G4-006-11	none	0	streambank
Road slide	47G50000000r13	47-G5	none	0	cutbank
Road slide	47G50000000r2	47-G5	none	0	cutbank
Road slide	47G50130000r5	47-G5-013	none	0	fill
Road slide	47G50130000r6	47-G5-013	none	0	streambank
Road slide	47G50130800r2	47-G5-013-08	none	0	streambank
Road slide	47KG0000000r13	47-KG	none	0	cutbank
Road slide	47KG0000000r22	47-KG	none	0	cutbank
Road slide	47KG0000000r26	47-KG	none	0	cutbank
Road slide	47KG0020000r13	47-KG-002	none	0	fill
Road slide	47KG0020000r15	47-KG-002	none	0	cutbank
Road slide	47KG0020000r5	47-KG-002	none	0	cutbank
Road slide	47KG0021100r1	47-KG-002-11	none	0	cutbank
Road slide	47KG0021100r15	47-KG-002-11	none	0	cutbank
Road slide	47KG0021100r16	47-KG-002-11	none	0	cutbank
Road slide	47KG0021100r2	47-KG-002-11	none	0	fill
Road slide	47KG0021101r2	47-KG-002-11-01	none	0	cutbank
Road slide	47KG0060000r1	47-KG-006	none	0	cutbank
Road slide	47KG0060000r14	47-KG-006	none	0	cutbank
Road slide	47KG0060000r36	47-KG-006	none	0	fill
Road slide	47KG0060600r3	47-KG-006-06	none	0	cutbank
Road slide	47KG0060600r5	47-KG-006-06	none	0	cutbank

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Road slide	47KG0060600r6	47-KG-006-06	none	0	cutbank
Road slide	47KG0060600r7	47-KG-006-06	none	0	cutbank
Road slide	47KG0063201r1	47-KG-006-32-01	none	0	fill
Road slide	47KG0120000r2	47-KG-012	none	0	cutbank
Road slide	47KG0120000r4	47-KG-012	none	0	cutbank
Road slide	47KG0120000r5	47-KG-012	none	0	cutbank
Road slide	47KG0120900r1	47-KG-012-09	none	0	cutbank
Road slide	47KG0190000r11	47-KG-019	none	0	cutbank
Road slide	47KG0190000r2	47-KG-019	none	0	cutbank
Road slide	47KG0190000r3	47-KG-019	none	0	cutbank
Road slide	47KG0190000r7	47-KG-019	none	0	cutbank
Road slide	47KG0380000r4	47-KG-038	none	0	fill
Road slide	47MM0000000r13	47-MM	none	0	fill
Road slide	47MM0000000r19	47-MM	none	0	fill
Road slide	47MM0000000r22	47-MM	none	0	fill
Road slide	47MM0000000r8	47-MM	none	0	cutbank
Road slide	47MM0050900r1	47-MM-005-09	none	0	fill
Road slide	47PH0000000r15	47-PH	none	0	cutbank
Road slide	47PH0000000r16	47-PH	none	0	cutbank
Road slide	47PH0000000r37	47-PH	none	0	cutbank
Road slide	47PH0000000r38	47-PH	none	0	cutbank
Road slide	47PH0050000r1	47-PH-005	none	0	cutbank
Road slide	47PH0050000r12	47-PH-005	none	0	fill
Road slide	47PH0050000r13	47-PH-005	none	0	cutbank

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
Road slide	47PH0050000r15	47-PH-005	none	0	cutbank
Road slide	47PH0050000r16	47-PH-005	none	0	cutbank
Road slide	47PH0050000r9	47-PH-005	none	0	cutbank
Road slide	47PH0130000r2	47-PH-013	none	0	fill
Road slide	47PH0130000r3	47-PH-013	none	0	cutbank
Road slide	47PH0130000r4	47-PH-013	none	0	cutbank
Road slide	47PH0160000r1	47-PH-016	none	0	fill
Road slide	47PH0180000r12	47-PH-018	none	0	fill
Road slide	47PH0180000r13	47-PH-018	none	0	cutbank
Road slide	47PH0180000r14	47-PH-018	none	0	cutbank
Road slide	47PH0180000r15	47-PH-018	none	0	cutbank
Road slide	47PH0180000r4	47-PH-018	none	0	fill
Road slide	47PH0180000r7	47-PH-018	none	0	cutbank
Road slide	47PH0210000r2	47-PH-021	none	0	cutbank
Road slide	47PH0220000r2	47-PH-022	none	0	fill
Road slide	47PH0220000r5	47-PH-022	none	0	cutbank
Road slide	47PH0220000r6	47-PH-022	none	0	fill
Road slide	47TC0110000r8	47-TC-011	none	0	fill
Road slide	47TC0210000r4	47-TC-021	none	0	fill
Road slide	47TC0210000r5	47-TC-021	none	0	fill
Road slide	47TC0210000r6	47-TC-021	none	0	fill
Road slide	47TC0210000r7	47-TC-021	none	0	cutbank
Road slide	47TC0230000r1	47-TC-023	none	0	fill
Road slide	47UG0000000r32	47-UG	none	0	fill

Feature	Site ID	Road Number	Treatment immediacy	Controllable Volume (yd <sup>3</sup> )	Notes
	0.00.12			( <b>j</b> )	
Road slide	47UG0090000r16	47-UG-009	none	0	fill
Road slide	47UG0180000r10	47-UG-018	none	0	fill
Road slide	47UG0180200r1	47-UG-018-02	none	0	cutbank
Road slide	47UG0180500r1	47-UG-018-05	none	0	fill
Road slide	47UG0180500r3	47-UG-018-05	none	0	fill
Road slide	47UG0360000r11	47-UG-036	none	0	fill
Road slide	47UG0360000r14	47-UG-036	none	0	cutbank
Road slide	47UK0000000r20	47-UK	none	0	cutbank
Road slide	47UK0110000r1	47-UK-011	none	0	fill
Road slide	47UK0270000r5	47-UK-027	none	0	cutbank
Road slide	47UK0270500r2	47-UK-027-05	none	0	cutbank
Road slide	47UK0290000r1	47-UK-029	none	0	cutbank
Road slide	47UK0421000r1	47-UK-042-10	none	0	cutbank

			Mean A	Annual Precipitati	on (in.)				
	01/2 11	Culvert	Area	60 50 year flood	100 year flood	50 yr	100 yr	50 yr pass	100 yr pass
Road Number	Site Num.	Diameter (in.)	(ac)	(cfs)	(cfs)	Culvert Size (in)	Culvert Size (in)		
47-CC-010	47CC010000c3	36	311.8	234	251	72	72	NO	NO
47-CC-010	47CC010000c6	36	130.9	110	118	48	54	NO	NO
47-CH-925	47CH9250000c10	24	13.9	16	17	24	24	YES	YES
47-CH-925	47CH9250000c14	12	1.9	3	3	18	18	NO	NO
47-CH-925	47CH9250000c3	48	64.1	59	64	42	42	YES	YES
47-CH-925	47CH9250000c4	18	7.4	9	10	24	24	NO	NO
47-CH-925	47CH9250000c5	24	5.0	6	7	18	18	YES	YES
47-CH-925	47CH9250000c7	24	8.9	11	11	24	24	YES	YES
47-CH-925	47CH9250000c8	24	10.8	13	13	24	24	YES	YES
47-CH-925-02	47CH9250200c1	18	4.4	6	6	18	18	YES	YES
47-CH-925-02	47CH9250200c5	18	1.6	2	3	18	18	YES	YES
47-CH-925-13	47CH9251300c6	24	26.7	28	30	30	30	NO	NO
47-CH-925-17	47CH9251700c2	36	22	23	25	30	30	YES	YES
47-DG	47DG000000c13	18	7	9	9	24	24	NO	NO
47-DG	47DG000000c15	18	3	4	4	18	18	YES	YES
47-DG	47DG000000c16	12	2	3	3	18	18	NO	NO
47-DG	47DG000000c17	18	1	2	2	18	18	YES	YES
47-DG	47DG000000c20	18	2	3	3	18	18	YES	YES
47-DG	47DG000000c21	18	2	3	3	18	18	YES	YES
47-DG	47DG000000c7	18	4	5	6	18	18	YES	YES
47-DG	47DG000000c8	18	4	5	5	18	18	YES	YES
47-DG-002	47DG0020000c3	36	86	76	82	42	48	NO	NO
47-DG-002-05	47DG0020500c1	12	4	5	5	18	18	NO	NO
47-DG-002-05	47DG0020500c10	18	2	3	3	18	18	YES	YES
47-DG-002-05	47DG0020500c3	24	55	52	55	42	42	NO	NO
47-DG-002-05	47DG0020500c7	18	1	2	2	18	18	YES	YES
47-DG-002-05	47DG0020500c8	12	1	2	2	18	18	NO	NO
47-DG-002-05	47DG0020500c9	18	3	4	5	18	18	YES	YES
47-DG-012	47DG0120000c11	12	4	5	6	18	18	NO	NO
47-DG-012-10	47DG0121000c2	18	2	3	4	18	18	YES	YES
47-G3	47G30000000c1	72	269	205	221	60	72	YES	YES
47-G3	47G3000000c3	24	210	165	178	60	60	NO	NO
47-G3	47G30000000c5	18	50	47	51	36	42	NO	NO
47-G3	47G30000000c6	24	5	6	7	18	18	YES	YES
47-G3-004	47G30040000c1	24	235	183	197	60	60	NO	NO
47-G3-006	47G30060000c3	36	45	43	46	36	36	YES	YES

			00					
			60					
	Cul	vert Are	a 50 year fl	ood 100 year flo	od 50 yr	100 yr	50 yr pass	100 yr pass
Road Number Sit	e Num. Diame	ter (in.) (ac	) (cfs)	(cfs)	Culvert Size (in)	Culvert Size (in)	50 yr pass	100 yi pass
47-G3-013 47G301	30000c16 1	8 4	5	6	18	18	YES	YES
47-G3-013 47G301	30000c17 1	8 5	7	7	18	18	YES	YES
47-G3-013 47G301		8 1	2	2	18	18	YES	YES
47-G3-013 47G301	30000c7 1	8 6	7	8	18	18	YES	YES
47-G3-013 47G301	30000c9 1	8 4	6	6	18	18	YES	YES
47-G3-013-09 47G301	30900c1 1	8 4	5	6	18	18	YES	YES
		8 5	6	7	18	18	YES	YES
47-G3-013-09 47G301		24 6	8	8	18	18	YES	YES
47-G3-013-09 47G301	30900c5 2	24 4	5	6	18	18	YES	YES
47-G3-013-15 47G301		8 1	2	2	18	18	YES	YES
47-G3-037-01 47G303	370100c1 1	8 1	2	2	18	18	YES	YES
47-G4-006 47G400	)60000c1 1	08 320		257	72	72	YES	YES
47-G5 47G500	00000c14 3	36 32	32	35	30	36	YES	YES
47-G5 47G500	00000c6 3	36 1	2	2	18	18	YES	YES
47-G5 47G500	00000c8 1	8 7	9	10	24	24	NO	NO
47-G5-013-08 47G501	30800c2 4	8 107	7 92	99	48	48	YES	YES
		24 3	4	4	18	18	YES	YES
47-KG 47KG00	00000c16 2	24 15	17	18	24	24	YES	YES
47-KG 47KG00	00000c17 2	24 16	17	19	24	30	YES	NO
47-KG 47KG00	00000c22 1	8 12	14	15	24	24	NO	NO
47-KG 47KG00	00000c23 2	24 8	10	10	24	24	YES	YES
47-KG 47KG00	00000c4 1	8 1	2	2	18	18	YES	YES
47-KG 47KG00	00000c7 4	8 826	545	587	72	72	NO	NO
47-KG 47KG00	00000c8 1	8 1	2	2	18	18	YES	YES
47-KG 47KG00	)00000c9 1	8 6	8	9	18	24	YES	NO
47-KG-002 47KG00	)20000c11 1	8 3	4	4	18	18	YES	YES
47-KG-002 47KG00	020000c14 3	36 23	24	26	30	30	YES	YES
47-KG-002 47KG00	)20000c15 1	8 3	4	4	18	18	YES	YES
47-KG-002 47KG00	020000c18 3	36 13	15	16	24	24	YES	YES
47-KG-002 47KG00	020000c19 3	36 18	19	21	30	30	YES	YES
47-KG-002 47KG00	)20000c2 2	24 19	20	22	30	30	NO	NO
47-KG-002 47KG00	)20000c3 1	2 3	4	4	18	18	NO	NO
47-KG-002 47KG00	)20000c4 1	8 5	7	7	18	18	YES	YES
47-KG-002 47KG00	)20000c5 3	36 295	5 222	239	72	72	NO	NO
		8 65	60	64	42	42	YES	YES
47-KG-002 47KG00	)20000c9 1	2 2	3	3	18	18	NO	NO

Mean Annual Precipitation (in )

Mean Annual Precipitation (in.)									
				60					
		Culvert	Area	50 year flood	100 year flood	50 yr	100 yr	50 yr pass	100 yr pass
Road Number	Site Num.	Diameter (in.)	(ac)	(cfs)	(cfs)	Culvert Size (in)	Culvert Size (in)	50 yr pass	iou yi pass
47-KG-002-06	47KG0020600c1	18	56	52	56	42	42	NO	NO
47-KG-002-11	47KG0021100c11	24	35	35	38	36	36	NO	NO
47-KG-002-11	47KG0021100c12	24	14	16	17	24	24	YES	YES
47-KG-002-11	47KG0021100c13	36	57	53	57	42	42	NO	NO
47-KG-002-11	47KG0021100c14	18	18	19	21	30	30	NO	NO
47-KG-002-11	47KG0021100c15	18	6	8	8	18	18	YES	YES
47-KG-002-11	47KG0021100c2	24	2	3	3	18	18	YES	YES
47-KG-002-11	47KG0021100c3	24	9	11	12	24	24	YES	YES
47-KG-002-11	47KG0021100c4	24	37	36	39	36	36	NO	NO
47-KG-002-11	47KG0021100c7	10	5	6	7	18	18	NO	NO
47-KG-002-11	47KG0021100c9	36	32	32	35	30	36	YES	YES
47-KG-002-11-01	47KG0021101c1	40	13	15	16	24	24	YES	YES
47-KG-002-11-01	47KG0021101c2	36	13	15	16	24	24	YES	YES
47-KG-006	47KG0060000c15	12	3	4	4	18	18	NO	NO
47-KG-006	47KG0060000c30	24	6	7	8	18	18	YES	YES
47-KG-006	47KG0060000c32	12	7	9	9	24	24	NO	NO
47-KG-006	47KG0060000c5	12	3	4	4	18	18	NO	NO
47-KG-006	47KG0060000c7	18	2	3	3	18	18	YES	YES
47-KG-006	47KG0060000c8	18	5	6	7	18	18	YES	YES
47-KG-006-06	47KG0060600c1	18	2	3	3	18	18	YES	YES
47-KG-012	47KG0120000c1	36	28	29	31	30	30	YES	YES
47-KG-012	47KG0120000c4	18	2	3	3	18	18	YES	YES
47-KG-012	47KG0120000c6	24	13	14	15	24	24	YES	YES
47-KG-012	47KG0120000c7	18	28	29	31	30	30	NO	NO
47-KG-038	47KG0380000c3	18	2	3	3	18	18	YES	YES
47-KG-038	47KG0380000c4	18	2	3	3	18	18	YES	YES
47-KG-038	47KG0380000c5	18	1	2	2	18	18	YES	YES
47-KG-038	47KG0380000c6	18	31	32	34	30	30	NO	NO
47-MM	47MM0000000c11	36	84	75	80	42	42	NO	NO
47-MM	47MM000000c12	30	73	66	71	42	42	NO	NO
47-MM	47MM000000c3	24	48	46	49	36	36	NO	NO
47-MM	47MM000000c8	18	15	17	18	24	24	NO	NO
47-MM-001	47MM0010000c2	18	68	62	67	42	42	NO	NO
47-MM-001	47MM0010000c9	12	1	2	2	18	18	NO	NO
47-MM-005	47MM0050000c1	24	81	72	78	42	42	NO	NO
47-MM-005	47MM0050000c10	18	11	13	14	24	24	NO	NO

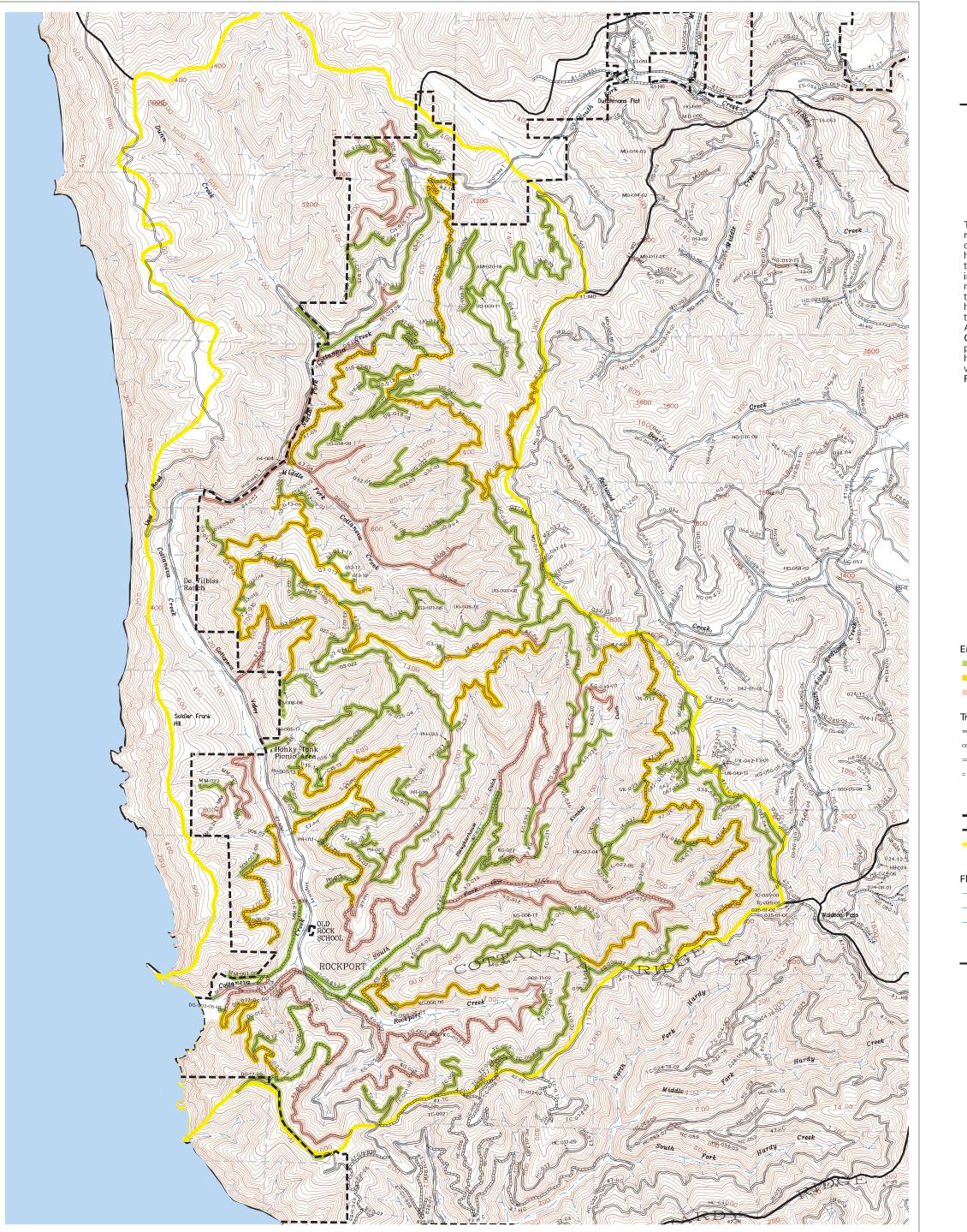
God         God <th colspan="11">Mean <u>Annual Precipitation</u> (in.)</th>	Mean <u>Annual Precipitation</u> (in.)										
Road Number         Site Num         Diameter (in.)         (ac)         (cfs)         Cutver Size (in)         Cutvert Size (in)         Cutvert Size (in)         Cutvert Size (in)         00 Press         100 Press           477.MM-005         477.MM0050000c11         18         4         5         5         18         18         YES         YES           477.MM-005         477.MM0050000c12         18         1         2         2         18         18         YES         YES           477.MM-005         477.MM0050000c6         18         1         2         2         18         18         YES         YES           477.MM-005-04         477.MM0050000c6         18         1         2         2         18         18         YES         YES           477.MM-005-04         477.MM0050000c1         24         2         3         3         18         18         YES         YES           477.MM-022         477.MM0220000c1         24         2         3         3         18         18         YES         YES           477.PH         47PH0000000c3         4         13         3         4         4         18         18         YES         YES <tr< th=""><th></th><th></th><th></th><th></th><th>60</th><th></th><th></th><th></th><th></th><th></th></tr<>					60						
Load Number         Site Num.         Diameter (n).         (ac)         (cfs)         (clivert size (n)         (			Culvert	Area	50 year flood	100 year flood	50 yr	100 yr	50 yr pass	100 yr pass	
17-MM-005       47MM0050000c12       18       1       2       2       18       18       YES       YES         47-MM-005       47MM0050000c5       24       16       18       19       24       30       YES       NO         47-MM-005       47MM0050000c6       18       1       2       2       18       18       YES       NO         47-MM-005-09       47MM0050000c6       18       2       3       3       18       18       YES       YES         47-MM-022       47MM0220000c1       24       2       3       3       18       18       YES       YES         47-MM-022       47MM0220000c2       24       11       13       14       24       24       YES       YES         47-PH       47PH0000000c1       40       413       298       321       72       72       NO       NO         47-PH       47PH0000000c6       48       62       57       62       42       42       YES       YES         47-PH       47PH01600000c7       12       3       5       5       18       18       NO       NO         47-PH-016       47PH0180000c12       18	Road Number	Site Num.	Diameter (in.)	(ac)	(cfs)	(cfs)	Culvert Size (in)	Culvert Size (in)	50 yr pass	iou yr pass	
47-MM-005       47MM0050000c13       18       1       2       2       18       18       YES       YES         47-MM-005       47MM0050000c5       24       16       18       19       24       30       YES       NO         47-MM-005       47MM0050000c6       18       1       2       2       18       18       YES       YES         47-MM-005-09       47MM0220000c1       24       2       3       3       18       18       YES       YES         47-MM-022       47MM0220000c2       24       11       13       14       24       24       YES       YES         47-PH       47PH0000000c1       40       413       298       321       72       72       NO       NO         47-PH       47PH0000000c14       18       3       4       4       18       18       YES       YES         47-PH       47PH0000000c14       18       3       4       4       18       18       NO       NO         47-PH       47PH0000000c7       12       3       5       5       18       18       NO       NO         47-PH-016       47PH0180000c13       18       3 </td <td>47-MM-005</td> <td>47MM0050000c11</td> <td>18</td> <td>4</td> <td>5</td> <td>5</td> <td>18</td> <td>18</td> <td></td> <td></td>	47-MM-005	47MM0050000c11	18	4	5	5	18	18			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	47-MM-005	47MM0050000c12	18	2	3	3	18	18	YES	YES	
47-MM-005       47MM0050000c6       18       1       2       2       18       18       YES       YES         47-MM-005-09       47MM0020000c1       18       2       3       3       18       18       YES       YES         47-MM-022       47MM0220000c1       24       2       3       3       18       18       YES       YES         47-PH       47PH0000000c1       40       413       298       321       72       72       NO       NO         47-PH       47PH0000000c1       40       413       298       321       72       72       NO       NO         47-PH       47PH0000000c6       48       62       57       62       42       42       YES       YES         47-PH       47PH0000000c7       12       3       5       5       18       18       NO       NO         47-PH-016       47PH0160000c1       12       3       4       4       18       18       NO       NO         47-PH-016       47PH0180000c13       18       3       4       4       18       18       YES       YES         47-PH-018       47PH0180000c17       18       14<	47-MM-005	47MM0050000c13	18	1	2	2	18	18	YES	YES	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	47-MM-005	47MM0050000c5	24	16	18	19	24	30	YES	NO	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	47-MM-005	47MM0050000c6	18	1	2	2	18	18	YES	YES	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	47-MM-005-09	47MM0050900c1	18	2	3	3	18	18	YES	YES	
47-PH         47PH000000c1         40         413         298         321         72         72         NO         NO           47-PH         47PH000000c14         18         3         4         4         18         18         YES         YES           47-PH         47PH000000c8         48         62         57         62         42         42         YES         YES           47-PH         47PH0050000c7         12         3         5         5         18         18         NO         NO           47-PH-016         47PH0160000c1         12         3         4         4         18         18         NO         NO           47-PH-018         47PH0180000c12         18         1         2         2         18         18         YES         YES           47-PH-018         47PH0180000c16         18         6         7         8         18         18         YES         YES           47-PH-018         47PH0180000c17         18         13         14         16         24         24         NO         NO           47-PH-018         47PH0180000c6         18         2         2         18         18	47-MM-022	47MM0220000c1	24	2	3	3	18	18	YES	YES	
47-PH       47PH0000000c14       18       3       4       4       18       18       YES       YES         47-PH       47PH0000000c8       48       62       57       62       42       42       YES       YES         47-PH       47PH000000c9       24       11       13       14       24       24       YES       YES         47-PH-005       47PH005000c7       12       3       5       5       18       18       NO       NO         47-PH-016       47PH0160000c1       12       3       4       4       18       18       NO       NO         47-PH-016       47PH0180000c12       18       1       2       2       18       18       YES       YES         47-PH-018       47PH0180000c16       18       6       7       8       18       18       YES       YES         47-PH-018       47PH0180000c17       18       13       14       16       24       24       NO       NO         47-PH-018       47PH0180000c6       18       2       2       18       18       YES       YES         47-PH-018       47PH0180000c6       18       2       2	47-MM-022	47MM0220000c2	24	11	13	14	24	24	YES	YES	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	47-PH	47PH0000000c1	40	413	298	321	72	72	NO	NO	
47-PH       47PH0000000c9       24       11       13       14       24       24       YES       YES         47-PH-005       47PH0050000c7       12       3       5       5       18       18       NO       NO         47-PH-016       47PH0160000c1       12       3       4       4       18       18       NO       NO         47-PH-018       47PH0180000c12       18       1       2       2       18       18       YES       YES         47-PH-018       47PH0180000c13       18       3       4       4       18       18       YES       YES         47-PH-018       47PH0180000c16       18       6       7       8       18       18       YES       YES         47-PH-018       47PH0180000c17       18       13       14       16       24       24       NO       NO         47-PH-018       47PH0180000c7       18       2       2       2       18       18       YES       YES         47-PH-018       47PH0180000c7       18       2       2       3       18       18       YES       YES         47-PH-018       47PH0180000c7       18 <td< td=""><td>47-PH</td><td>47PH0000000c14</td><td>18</td><td></td><td></td><td>4</td><td>18</td><td></td><td>YES</td><td>YES</td></td<>	47-PH	47PH0000000c14	18			4	18		YES	YES	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	47-PH	47PH0000000c8	48	62	57	62	42	42	YES	YES	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	47-PH	47PH0000000c9	24	11	13	14	24	24	YES	YES	
47-PH-018       47PH0180000c12       18       1       2       2       18       18       YES       YES         47-PH-018       47PH0180000c13       18       3       4       4       18       18       YES       YES         47-PH-018       47PH0180000c16       18       6       7       8       18       18       YES       YES         47-PH-018       47PH0180000c17       18       13       14       16       24       24       NO       NO         47-PH-018       47PH0180000c4       24       3       4       4       18       18       YES       YES         47-PH-018       47PH0180000c6       18       2       2       2       18       18       YES       YES         47-PH-018       47PH0180000c7       18       2       2       3       18       18       YES       YES         47-PH-018       47PH0180000c7       18       2       2       3       18       18       YES       YES         47-PH-018       47PH0180000c7       18       1       2       2       18       18       YES       YES         47-PH-022       47PH0180000c5       24	47-PH-005	47PH0050000c7	12	3	5	5	18	18	NO	NO	
47-PH-01847PH0180000c13183441818YESYES47-PH-01847PH0180000c16186781818YESYES47-PH-01847PH0180000c17181314162424NONO47-PH-01847PH0180000c4243441818YESYES47-PH-01847PH0180000c6182221818YESYES47-PH-01847PH0180000c7182231818YESYES47-PH-01847PH0180000c7182231818YESYES47-PH-01847PH0180000c7181221818YESYES47-PH-02247PH0220000c7181221818YESYES47-PH-02247PH0220000c7181221818YESYES47-PH-02247PH0220000c9185671818YESYES47-UG47UG0000000c1184561818YESYES47-UG47UG0000000c11182526283030NONO47-UG47UG0000000c12241517182424YESYES47-UG47UG0000000c13244745483636NONO <t< td=""><td>47-PH-016</td><td>47PH0160000c1</td><td>12</td><td>3</td><td>4</td><td>4</td><td>18</td><td>18</td><td>NO</td><td>NO</td></t<>	47-PH-016	47PH0160000c1	12	3	4	4	18	18	NO	NO	
47-PH-01847PH0180000c16186781818YESYES47-PH-01847PH0180000c17181314162424NONO47-PH-01847PH0180000c4243441818YESYES47-PH-01847PH0180000c6182221818YESYES47-PH-01847PH0180000c6182231818YESYES47-PH-01847PH0180000c7182231818YESYES47-PH-01847PH0120000c7181221818YESYES47-PH-02247PH0220000c7181221818YESYES47-PH-02247PH0220000c7181221818YESYES47-PH-02247PH0220000c7185671818YESYES47-UG47UG0000000c1184561818YESYES47-UG47UG0000000c11182526283030NONO47-UG47UG0000000c12241517182424YESYES47-UG47UG0000000c13244745483636NONO47-UG47UG0000000c14187992424NONO	47-PH-018	47PH0180000c12	18	1	2	2	18	18	YES	YES	
47-PH-01847PH0180000c17181314162424NONO47-PH-01847PH0180000c4243441818YESYES47-PH-01847PH0180000c6182221818YESYES47-PH-01847PH0180000c7182231818YESYES47-PH-01847PH0180000c7182231818YESYES47-PH-01847PH0180000c7181221818YESYES47-PH-02247PH0220000c7181221818YESYES47-PH-02247PH020000c9185671818YESYES47-UG47UG0000000c1184561818YESYES47-UG47UG0000000c1184561818YESYES47-UG47UG0000000c1182526283030NONO47-UG47UG0000000c12241517182424YESYES47-UG47UG0000000c13244745483636NONO47-UG47UG0000000c14187992424NONO47-UG47UG0000000c15187992424NONO	47-PH-018	47PH0180000c13	18	3	4	4	18	18	YES	YES	
47-PH-01847PH018000c4243441818YESYES47-PH-01847PH018000c6182221818YESYES47-PH-01847PH018000c7182231818YESYES47-PH-01847PH018000c7182231818YESYES47-PH-02247PH022000c7181221818YESYES47-PH-02247PH022000c7181221818YESYES47-PH-02247PH022000c9185671818YESYES47-UG47UG000000c5242341818YESYES47-UG47UG000000c11184561818YESYES47-UG47UG000000c12241517182424YESYES47-UG47UG000000c13244745483636NONO47-UG47UG000000c14187992424NONO47-UG47UG000000c15187992424NONO	47-PH-018	47PH0180000c16	18	6	7	8	18	18	YES	YES	
47-PH-01847PH0180000c6182221818YESYES47-PH-01847PH0180000c7182231818YESYES47-PH-01847PH0180000c8187891824YESNO47-PH-02247PH0220000c7181221818YESYES47-PH-02247PH0220000c9185671818YESYES47-PH-02247PH0230000c5242341818YESYES47-UG47UG0000000c1184561818YESYES47-UG47UG0000000c11182526283030NONO47-UG47UG0000000c12241517182424YESYES47-UG47UG0000000c13244745483636NONO47-UG47UG0000000c14187992424NONO47-UG47UG0000000c15187992424NONO	47-PH-018	47PH0180000c17	18	13	14	16	24	24	NO	NO	
47-PH-01847PH018000c7182231818YESYES47-PH-01847PH018000c8187891824YESNO47-PH-02247PH0220000c7181221818YESYES47-PH-02247PH0220000c9185671818YESYES47-PH-02247PH0220000c5242341818YESYES47-UG47UG0000000c1184561818YESYES47-UG47UG0000000c11182526283030NONO47-UG47UG0000000c12241517182424YESYES47-UG47UG0000000c13244745483636NONO47-UG47UG0000000c14187992424NONO47-UG47UG0000000c15187992424NONO	47-PH-018	47PH0180000c4	24	3	4	4	18	18	YES	YES	
47-PH-01847PH0180000c8187891824YESNO47-PH-02247PH0220000c7181221818YESYES47-PH-02247PH0220000c9185671818YESYES47-TC-03547TC0350000c5242341818YESYES47-UG47UG000000c11184561818YESYES47-UG47UG000000c11182526283030NONO47-UG47UG000000c12241517182424YESYES47-UG47UG0000000c13244745483636NONO47-UG47UG0000000c14187992424NONO47-UG47UG0000000c15187992424NONO	47-PH-018	47PH0180000c6	18	2	2	2	18	18	YES	YES	
47-PH-02247PH0220000c7181221818YESYES47-PH-02247PH0220000c9185671818YESYES47-TC-03547TC0350000c5242341818YESYES47-UG47UG000000c1184561818YESYES47-UG47UG000000c11182526283030NONO47-UG47UG000000c12241517182424YESYES47-UG47UG0000000c13244745483636NONO47-UG47UG0000000c14187992424NONO47-UG47UG0000000c15187992424NONO	47-PH-018	47PH0180000c7	18	2	2	3	18	18		YES	
47-PH-02247PH0220000c9185671818YESYES47-TC-03547TC0350000c5242341818YESYES47-UG47UG000000c1184561818YESYES47-UG47UG000000c11182526283030NONO47-UG47UG000000c12241517182424YESYES47-UG47UG000000c13244745483636NONO47-UG47UG000000c14187992424NONO47-UG47UG0000000c15187992424NONO	47-PH-018	47PH0180000c8	18	7	8	9	18	24	YES	NO	
47-TC-03547TC0350000c5242341818YESYES47-UG47UG000000c1184561818YESYES47-UG47UG000000c11182526283030NONO47-UG47UG000000c12241517182424YESYES47-UG47UG000000c13244745483636NONO47-UG47UG000000c14187992424NONO47-UG47UG0000000c15187992424NONO	47-PH-022	47PH0220000c7	18	1	2	2	18	18	YES	YES	
47-UG47UG000000c1184561818YESYES47-UG47UG000000c11182526283030NONO47-UG47UG000000c12241517182424YESYES47-UG47UG000000c13244745483636NONO47-UG47UG000000c14187992424NONO47-UG47UG000000c15187992424NONO	47-PH-022	47PH0220000c9	18	5	6	7	18	18	YES	YES	
47-UG47UG000000c11182526283030NONO47-UG47UG000000c12241517182424YESYES47-UG47UG000000c13244745483636NONO47-UG47UG000000c14187992424NONO47-UG47UG000000c15187992424NONO	47-TC-035	47TC0350000c5	24	2	3	4	18	18	YES		
47-UG47UG000000c12241517182424YESYES47-UG47UG000000c13244745483636NONO47-UG47UG000000c14187992424NONO47-UG47UG000000c15187992424NONO		47UG000000c1	18	-	5	6	18	18	YES	YES	
47-UG47UG000000c13244745483636NONO47-UG47UG000000c14187992424NONO47-UG47UG000000c15187992424NONO	47-UG	47UG0000000c11	18	25	26	28	30	30	NO	NO	
47-UG47UG000000c14187992424NONO47-UG47UG000000c15187992424NONO	47-UG	47UG0000000c12	24	15	17	18	24	24	YES	YES	
47-UG 47UG000000c15 18 7 9 9 24 24 NO NO	47-UG	47UG0000000c13	24	47	45	48	36	36	NO	NO	
	47-UG	47UG000000c14	18	7	9	9	24	24	NO	NO	
	47-UG	47UG0000000c15	18	7			24	24	NO	NO	
	47-UG	47UG0000000c16	18	29	30	32	30		NO	NO	
47-UG 47UG000000c17 48 136 113 122 54 54 NO NO	47-UG	47UG000000c17	48	136	113	122	54	54	NO	NO	
47-UG 47UG000000c18 18 8 10 11 24 24 NO NO	47-UG	47UG000000c18	18	8	10	11	24	24	NO	NO	
47-UG 47UG000000c18 18 32 32 34 30 30 NO NO	47-UG	47UG000000c18	18	32	32	34	30	30	NO		
47-UG 47UG000000c3 18 2 3 3 18 18 YES YES	47-UG	47UG000000c3	18	2	3	3	18	18	YES	YES	

Mean Annual Precipitation (in.)

	Mean Annual Precipitation (in.)										
				60							
		Culvert	Area	50 year flood	100 year flood	50 yr	100 yr	50 yr pass	100 yr pass		
Road Number	Site Num.	Diameter (in.)	(ac)	(cfs)	(cfs)	Culvert Size (in)	Culvert Size (in)	ou yr pass	100 yr pass		
47-UG	47UG000000c6	60	210	165	178	60	60	YES	YES		
47-UG	47UG000000c7	18	4	5	6	18	18	YES	YES		
47-UG	47UG000000c8	24	34	34	37	30	36	NO	NO		
47-UG	47UG000000c9	18	3	4	4	18	18	YES	YES		
47-UG-018	47UG0180000c1	18	1	2	2	18	18	YES	YES		
47-UK	47UK0000000c13	24	21	22	24	30	30	NO	NO		
47-UK	47UK0000000c22	24	16	17	18	24	24	YES	YES		
47-UK	47UK000000c23	24	4	5	6	18	18	YES	YES		
47-UK	47UK0000000c29	24	17	19	20	30	30	NO	NO		
47-UK	47UK000000c33	24	10	12	13	24	24	YES	YES		
47-UK	47UK000000c35	24	14	15	16	24	24	YES	YES		
							Percent undersized	36%	39%		

Percent undersized 36% 60

Total undersized 56



## Cottaneva Creek Watershed Analysis Unit

# Map B-1 Road Erosion Hazard Classifications

This map presents an erosion hazard rating for the MRC roads. High erosion hazard roads have the highest amount of recent deliverable surface erosion to watercourses and a high potential for future deliverable erosion. Active roads in this class should get the highest priority for maintenance or improvements. Closed roads in this class will need improvements before opening again. Opening abandoned roads in this class should be avoided. Moderate erosion hazard roads have moderate amounts of recent deliverable surface erosion to watercourses and potential for future deliverable erosion. Active roads in this class should be a priority for maintenance. Closed or abandoned roads in this class will need some improvements before opening again. Low Erosion Hazard roads have low amounts of recent deliverable surface erosion to watercourses and low potential for future deliverable erosion. Roads in this class only need small improvements before use.

Erosion Hazard Rating

Low

Moderate High

0

Transportation

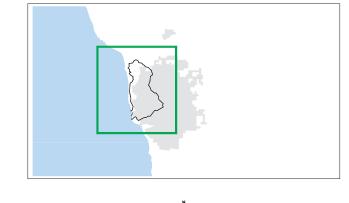
- Paved Road
  Rocked Road
- ==== Jeep Trail
  - -----

#### -- MRC Ownership

- Planning Watershed Boundary
- Cottaneva Creek Watershed Analysis Unit Boundary

### Flow Class

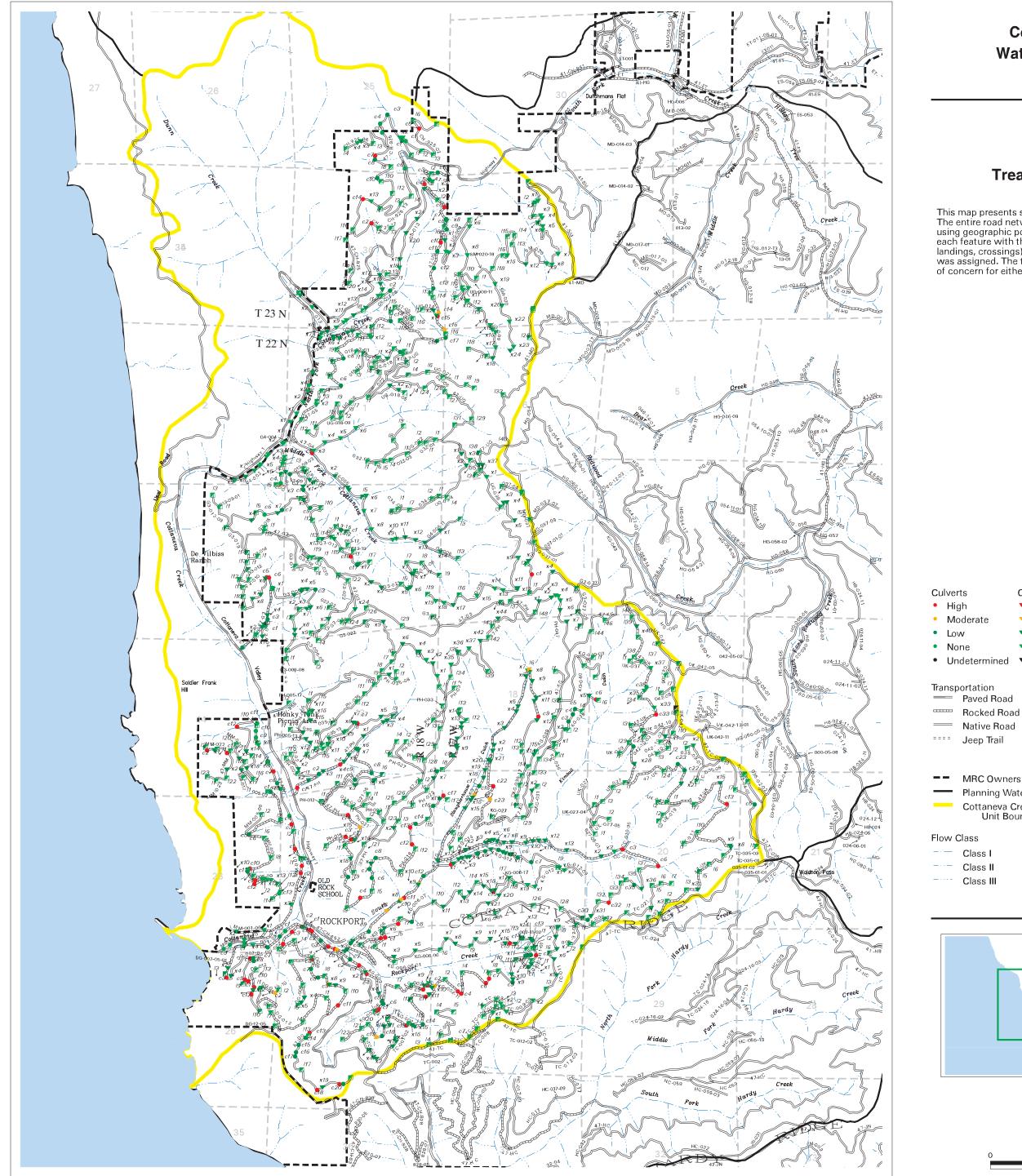
- --- Class I
- ---- Class II
- ----- Class III





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November 2005



# **Cottaneva Creek** Watershed Analysis Unit

# Map B-2 Road Feature **Treatment Immediacy**

This map presents select results from MRC's road inventory. The entire road network and road features were mapped using geographic positioning system (GPS) from 2004. For each feature with the potential to create erosion (culverts, landings, crossings) the treatment immediacy for the feature was assigned. The treatment immediacy represents the level of concern for either upgrading or maintenance to the feature.

Cι	llverts	Cr	ossings	La	ndings
٠	High	•	High		High
•	Moderate	•	Moderate		Moderate
٠	Low	•	Low		Low
٠	None	•	None		None
٠	Undetermined	▼	Undetermined		Undetermined

Transportation
Paved Road

==== Jeep Trail

-- MRC Ownership

Planning Watershed Boundary

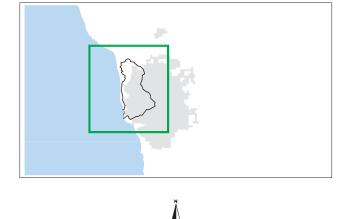
Cottaneva Creek Watershed Analysis Unit Boundary

Flow Class

--- Class I

---- Class II

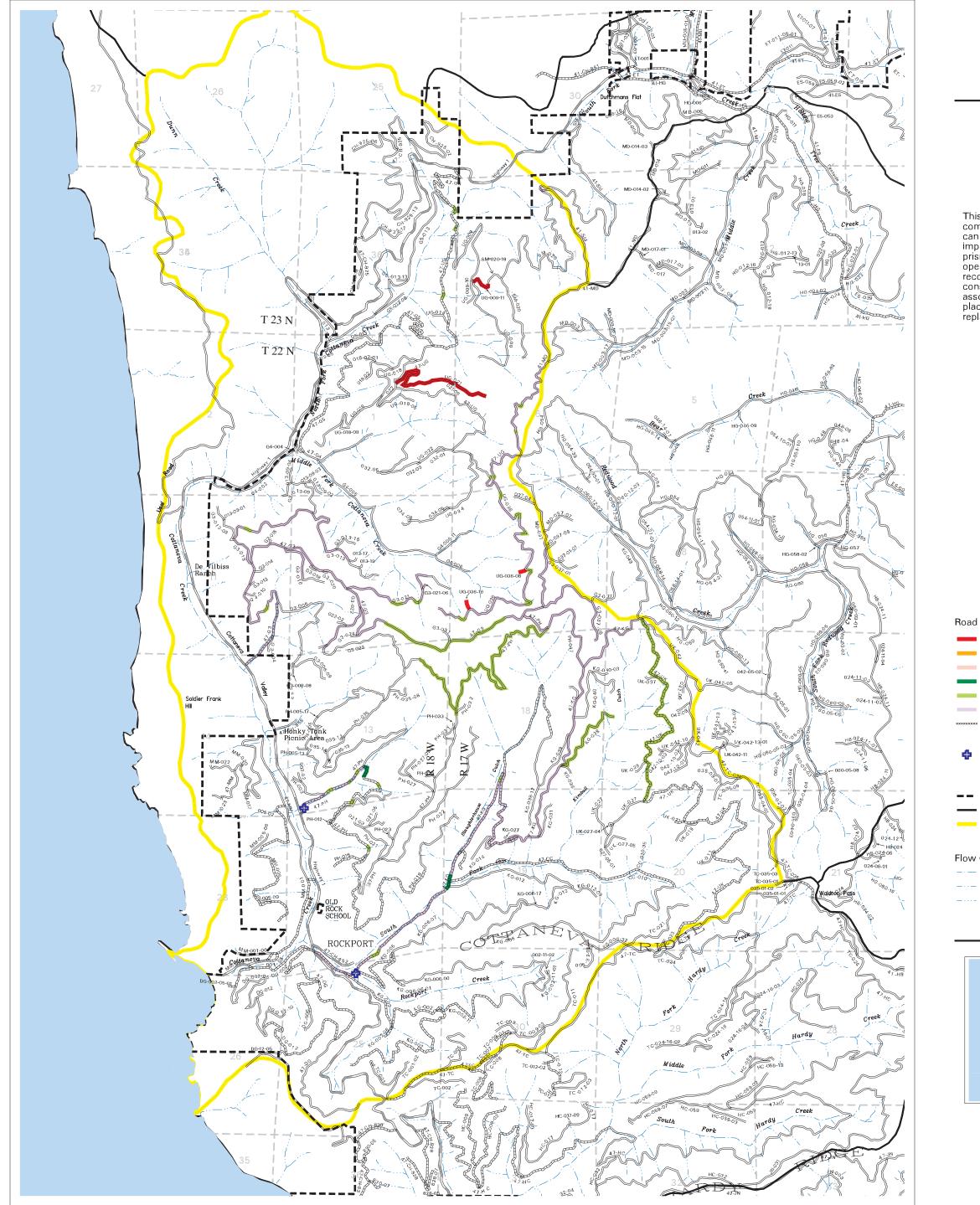
Class III





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## **Cottaneva Creek** Watershed Analysis Unit

## Map B-3 **Road Work**

This map presents road-associated erosion control work completed in the Cottaneva Creek WAU since 2002. This can include new road construction, road decommissioning, improvements to the road surface, or adjustments to the road prism. The road reconstruction category involves the re-opening of previously-used haul roads, whereas the major reconstruction category refers to roads that have been re-constructed from previously-used skid trails. Other road-associated erosion control work includes upgrades or re-placements of major watercourse crossing such as bridge replacements or installations.

Road Work

- New Road Construction
- Major Reconstruction
- Road Reconstruction
- Road Surface Improvement
- Prism Alt./Drainage Structure Imprv.
- General Maintenance (2005 only)
- Road Decommissioned
- Major Crossing Improvement or Bridge Placement
- MRC Ownership
- Planning Watershed Boundary
- Cottaneva Creek Watershed Analysis Unit Boundary

Flow Class

- Class I
- Class II
- Class III

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1 Mile