	FLH	CULVERT A	ASSESSMENT FORM	Overall Rating
Notes by:		Date:	Project:	Good
Measurements by:		Time:		— Fair
Site Information:				Poor
Facility Location:			Lat/Long	
Milepost:	_ Project Station:		GPS Road CL Waypoint No	
Named waterway: Culvert Information:			Direction of Flow:	Performance Problem
	Barrel Length (appro	ox):	Barrel Slope: Mild (Steep)	
			rox Cover: Upstream D	
Barrel Shape (circle one)	Circular	Box	Elliptical Pipe Arch Arch	
	Diameter:	/ Spa	an x Rise	
Pipe Material (circle one)	<u>):</u> Metal)- Cor	crete / RCP -	Corrugated Plastic - Smooth Plastic	- Timber – Masonry
Appurtenances (circle on	<u>ie):</u>			
Upstream : Proje	ecting / Mitered / He	adwall / Headv	wall & Wingwalls / Flared End Section	D/
Downstream : Pr	ojecting / Mitered / F	leadwall / Head	dwall & Wingwalls /€lared End Section	Ρ/
			Flow Velocity:(ft/s) Possible A	~ ~
			sible historic features? Y / N	\sim
Culvert Condition	and Performance (circle / check a	all that apply and provide appropriat	e explanations below)
Category	Ratir	ng	Performance Problems Re	equiring Level 1 Action
Invert deterioration	Good Fair Poor	Crit Unk N/A	Debris/Veg Blockage > 1/3 of	rise at inlet or outlet
Joints & Seams	Good (Fair) Poor	Crit Unk N/A	Sediment Blockage 1/3 to 3/4	of rise at inlet/outlet
Corrosion / Chemical	Good Fair Poor	Crit Unk N/A	Buoyancy or Crushing-Related	d Inlet Failure □
Cross-Section Deform	Good Fair Poor	Crit Unk N/A	Poor Channel Alignment	
Cracking	Good Fair Poor	Crit Unk (N/A	Previous and/or Frequent Ove	ertopping
Liner / Wall	Good Fair Coor	Crit Unk N/A	Local Outlet Scour	
Mortar and Masonry	Good Fair Poor	Crit Unk N/A	Performance Problems Ro	equiring Level 2 Action
Rot and Marine Borers	Good Fair Poor	Crit Unk (N/A	Embankment Piping	
Headwall/Wingwall	Good Fair Poor	Crit Unk N/A	Channel Degradation / Headc	ut (circle one)
Apron	Good Fair Poor	Crit Unk (N/A	Embankment Slope Instability	
Flared End Section	Good (Fair) Poor	Crit Unk N/A	Sediment Blockage > 3/4 Rise	e at Inlet or Outlet
Pipe End	Good Fair Poor	Crit Unk (N/A	Sediment Blockage > 1/3 Rise	e Throughout Barrel
Scour Protection	Good (Fair) Poor	Crit Unk N/A	Other Problems Requ	iring Level 2 Action
			No Access / Ends Totally Buri	ed / Submerged
			Aggressive Abrasion/Corrosio	_
			Exposed Footing (Open-Botto	
Photos (number):	Inlet Outlet	Roadwa	y (ahead) Roadway (back) \	√iew downstream
	View upstream	Others:		
Notes / Recommendation	ons:			



Bravo Environmental 6705 NE 175th St Kenmore, Wa 98028 Tel: 425-424-9000 Fax: 425-424-9002 E-mail:

Corrugated Metal Pipe

Inspection Report / Inspection: 1

Date 5/19/2011	P/O. No.	Weather Dry	Surveyor's Name jOEL vASEY	Pipe Segment Reference	Section No. 10
Certificate No. u-304-1198	Survey Customer	System Owner	Date Cleaned	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street City Loc. details Location Code	196+76 Port Angeles	Use of Sewer Storm Drainage Area Flow Control Length surveyed 116.02	water 2 ft	Upstream MH Dowstream MH Dir. of Survey Section Length	INLET-W OUTLET Downstream 116.02 ft
Purpose of Survey	Maintenance Related		Joint Length	24 inch	

Material

Lining Method

Tape / Media No.
Add. Information:

0000

4221

0

Year Rehabilitated

1:300	Position	Observation			MPEG	Photo	
INLET-W	0.00	End of Pipe / IN	NLET-W		00:00:	31	
	0.00	Water Level, 5	%of cross section	al area	00:00:	38	
	19.60	Infiltration Runi YES	ner, at 08 o'clock,	within 8 inches of j	oint: 00:02:0	00	
	25.21	Infiltration Stair	n, at 08 o'clock, wit	thin 8 inches of joir	nt: YES 00:03:0	7	
	40.85	joint: YES		o'clock, within 8 in			
	45.17 49.50			thin 8 inches of joir thin 8 inches of joir			
	59.80			within 8 inches of			
	64.68		n, at 08 o'clock, wit	thin 8 inches of joir	nt: NO 00:09:3	38	
OUTLET	116.02	End of Pipe / C	OUTLET		00:12:	50	
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI

10

10

0

3.33

3.33