	FLH	CULVERT A	SSESSMENT FORM	Overall Rating
Notes by:		Date:	Project:	Good
Measurements by:		Time:		Fair
Site Information:				Poor
Facility Location:		L	.at/Long	Critical
Milepost:	_ Project Station:		SPS Road CL Waypoint No	Unknown
Named waterway: Culvert Information:		Γ	Direction of Flow:	Performance Problem
	Barrel Length (appro	ox):	Barrel Slope: Mild /Steep/	
			ox Cover: Upstream Dow	/nstream
Barrel Shape (circle one)			Elliptical Pipe Arch Arch	
			nx Rise	
Pipe Material (circle one)			Corrugated Plastic - Smooth Plastic -	Γimber – Masonry
Appurtenances (circle or	<u>ne):</u>			
Upstream : Proje	ecting / Mitered / He	adwall / Headw	rall & Wingwalls / Flared End Section	
Downstream : Pr	rojecting / Mitered / H	leadwall / Head	wall & Wingwalls Ælared End Section /	
Flowing or standing water	er? N / 🕥 Depth:	(ft) Est. F	low Velocity:(ft/s) Possible AO	P/fish passage? Y /N
Utilities Present (list)? Y	/ N	Possi	ble historic features? Y / N	Open Bottom? Y / (N
Culvert Condition	and Performance (circle / check al	I that apply and provide appropriate	explanations below)
Category	Rati	ng	Performance Problems Req	uiring Level 1 Action
Invert deterioration	Good (Fair) Poor	Crit Unk N/A	Debris/Veg Blockage > 1/3 of ris	e 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 I	nlet 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 Overto	opping
Liner / Wall	Good Fair Poor	Crit Unk N/A	Local Outlet Scour	
Mortar and Masonry	Good Fair Poor	Crit Unk N/A	Performance Problems Req	uiring 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 / Headcut	(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 a	t Inlet or Outlet
Pipe End	Good Fair Poor	Crit Unk N/A	Sediment Blockage > 1/3 Rise T	hroughout Barrel □
Scour Protection	Good (Fair) Poor	Crit Unk N/A	Other Problems Requiri	ng Level 2 Action
			No Access / Ends Totally Buried	/ Submerged
			Aggressive Abrasion/Corrosion/	Chemical (circle)
			Exposed Footing (Open-Bottom	Culvert Only)
			(ahead) Roadway (back) Vie	:w downstream
		Others:		
Notes / Recommendation	ons:			



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

Inspection Report / Inspection: 1

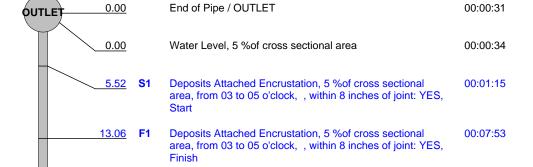
	-	•	<u> </u>		
Date	P/O. No.	Weather	Surveyor's Name	Pipe Segment Reference	Section No.
5/18/2011		Dry	jOEL vASEY		5
Certificate No. u-304-1198	Survey Customer	System Owner	Date Cleaned	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street	306	Use of Sewer	Stormwater	Upstream MH	INLET-W
City	Port Angeles	Drainage Area		Dowstream MH	OUTLET
Loc. details		Flow Control		Dir. of Survey	Upstream
Location Code		Length surveyed	47.11 ft	Section Length	47.11 ft

			5
Purpose of Survey	Maintenance Related	Joint Length	
Year Laid		Dia./Height	18 inch
Year Rehabilitated		Material	Corrugated Metal Pipe
Tape / Media No.	1	Lining Method	

Add. Information:

1:120 Position Observation MPE	Photo
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INLET-W 47.11 End of Pipe / INLET-W

00:07:56 INLET-W_OUTLET132121_18 052011_A.JPG

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2800	0	16	16	0	2	2



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Inspection photos / Inspection: 1

City:	Street :	Date :	Pipe Segment Reference :	Section No :
Port Angeles	306			5



Photo: INLET-W_OUTLET132121_18052011_A.JPG, VCR No.: 1 47.11FT, End of Pipe