KHM

ENVIRONMENTAL MANAGEMENT INCORPORATED

PROJECT NO:	B30-01F	CLIENT:	Kinder Morgan Energy
LOGGED BY:	NWH	LOCATION:	Linnton, OR
DRILLER:	Cascade	DATE DRILLED:	4/16/2002
DRILLING METHOD:	Probe	HOLE DIAMETER:	2-inch
SAMPLING METHOD:	Macro	HOLE DEPTH:	40 feet
CASING TYPE:	N/A	WELL DIAMETER:	N/A
SLOT SIZE:	N/A	WELL DEPTH:	N/A
GRAVEL PACK:	N/A	CASING STICKUP:	N/A
ELEVATION		NORTHING	

BORING/WELL NO: SP-11

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LOCATION MAP

PORSF 11.3.18.1 V6

See Figure 2

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite									CONCRETE
					1			GP	
								SP	Poorly graded SAND; Brown; 90% sand, 10% silt
					2				
		Moist	0		3				
					4				
		Moist			5				
					6				
		Wet	12		7				(Grades gray)
					8				
					9				
					10				
		Moist	870		11				(Silt lens)
					12				
					13				
					14				
		Moist	520		15				
					16				
					17				
					18			SM	
	▽				19				(Silt lens, 1 to 2-inches)
		Wet	400		20				
					21				
					22				

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BORING/WELL NO: SP-II
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LOCATION MAP
See Figure 2

ELEVATION	NORTHING	EASTING

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite					23			
					24			(Wood and gravel)
		Wet	17					
					25			
					26			
					27			(Sand grades finer)
					28			
		Wet	6					
					29		SM	
					30			
					31		ML	SILT with sand; Gray
					32			
		Wet	2					
					33			80% silt, 20% very fine sand
					34			
					35			90% silt, 10% very fine sand
					36			
		Wet	0					(Grades lighter color)
					37			
					38			(Grades brown)
					39			
		Wet	0		40			Bottom of Boring at 40 feet
					41			
					42			
					43			
					44			