State of Washington Department of Ecology

INSPECTION REPORT

To Files

Inspector Betts

Date of Visit 12-3-84

Permit Number

Name of Entity Hoquiam Sanitary Landfill

Permit Expires

City Hoquiam County Grays Harbor

New Industry

Person Contacted Dennis Priebe - Pub Wks Director; Leroy Foster - Operator

Type of Facility Municipal Landfill

Receiving Water Hoquiam R, GW, Hoquiam STP

Type of Treatment System Grit chamber

Weather - very cold, blowing NO RAIN

Operation: ☐ Satisfactory ☐ Fair ☐ Unsatisfactory

☐ Does not comply with permit conditions

Describe As a following to meeting with Dennis and Leroy at city hall to fill out the formal inspection form I inspected the landfill to collect samples. I collected a sample at the inlet to the Hwy. 101 culvert of storm runoff and apparent groundwater (spring) discharge from the landfill. A sketch is on the back that illustrates inflows to the Hwy 101 culvert and source. Temperatures of each stream are listed also. Additionally, I collected a sample from the stormwater pond discharge to the grit chamber and one of the two wells behind the maintenance/office bldg. i.e. the northernmost. The site was closed to operations this day and only city trucks dumped after letting themselves in through the locked gate. A lower dike at the downgradient end of the landfill has been constructed since my last inspection (see photos). Ponded water was culverted from the dike to the lower pond which discharges to the grit chamber. Dumping face just visible in photo #1 at top of hill which is about midway up the length of the landfill

CC

ECY 040-2-116

USEPA SF
1562897

DAILY REPORT
SUBSURFACE EXPLORATION
NEIL M. TWELKER AND ASSOCIATES

ELEV.
COORD.

BORING NO.

SHEET 1/3

To City of Hoquiam

CONTRACT NO.

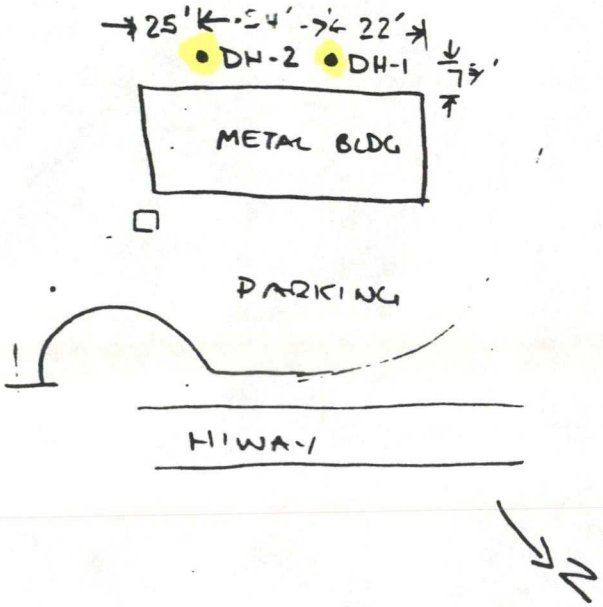
LOCATION Sanitary Fill

DATE 3/7/84 **SHIFT** AM

INSPECTOR D.B. GREEN
DRILL CO. DRILLING UNLIMITED
FOREMAN SKI / NICK
RIG B-61
METHOD OF SAMPLING
STANDARD PENETRATION TEST
2½ ft. INTERVALS

REMARKS

LOCATION - DH-1,
— FILL —



DH-1 FIELD LOG

DEPTH			
0			3"- QUARRY ROCK Road bed, to reddish-tan gravelly SAND / SILT
2½	9 9 6		mod dense mottled gravelly clay / Silt / Sand. FILL
4			
5	3 3 3		Loose reddish-tan silty gravelly SAND (FILL)
6½			
7½	2 3 3		Loose reddish-tan sand (FILL)
9			
10	3 2 2		Loose silt/Clay/Sand ash & glass frags. (FILL)
11½			
12½	1 1 1		Very small sample recovery Very Loose Silt/Clay organic / inorganic garbage (FILL)
14			
15	P U S H		Very Soft / Loose reddish-brown SILT/SAND w/ gravel & organic & inorganic material (FILL)
16½			
17½	PUSH/12" 1/6"		small sample recovery same (FILL)
19			
20	PUSH/12" 1/6"		Very loose mottled silt/ Sand w/ wx'd rock fragments (FILL)
21½			
22½	2 2 2		Loose mottled & bed silty fragmented Qtz w/ brick fragments (FILL)
24			

SUBSURFACE EXPLORATION

NEIL H. TWELKER AND ASSOCIATES

ELEV.
COORD.

SHEET 2/3

TO Hoquiam - City of SANITARY FILL

CONTRACT NO.

LOCATION LANDFILL

DATE 3/7/84 SHIFT AM

INSPECTOR D. B. GREEN
DRILL CO. DRILLING UNLIMITED
FOREMAN SKI/NICK
RIG B-61
METHOD OF SAMPLING
SPT- 2.5' INTERVAL

REMARKS

+42.5'-44 Sample tube "bouncing during SPT

2" piezo INSTALLED

Copper wire wrapped around auger & present in sample tip 40' on.

DH-1 FIELD LOG

DEPTH		
25	2 2 2 ▼ 24.5	Red w/ broken glass; brick - same as previous (FILL)
26.5'		
27.5'	PUSH/12" 1/6"	Same (FILL)
29		
30	1 3 4	Same - red broken rock, brick, fragments (FILL)
31.5'		
32.5'	4 2 1	NO SAMPLE RECOVERED
34		
35	PUSH/12" 30	Loose red fine sand w rock fragments. Wire in tip (FILL)
36.5'		
37.5'	3 5 4	Loose brown silty sand & rock & glass frags to mod dense gray-green fine sand in tip (FILL)
39		
40	2 5 4	Soft green/brown sandy silt w/ metal & organic frags to mod dense green fine sand. (FILL)
41.5'		
42.5'	3 5 50/5"	Mod dense green sand to Hard gray sandstone (CONTACT ~41')
44		
45	75/5"	Hard gray sandstone (very small sample)
45.5		

BOTTOM

DAILY REPORT
SUBSURFACE EXPLORATION
NEIL H. TWELKER AND ASSOCIATES

ELEV.
COORD.

BORING No.

SHEET 3/3

TO City of Hoquiam
Sanitary Land Fill

CONTRACT NO.

LOCATION Sanitary landfill

DATE 3/7/84 **SHIFT** PM

INSPECTOR D.B. GREEN
DRILL CO. DRILLING UNLIMITED
FOREMAN SKI/NICK
RIG B-61
METHOD OF SAMPLING
SPT. — STARTING AT 27½ ft
5' INTERVALS

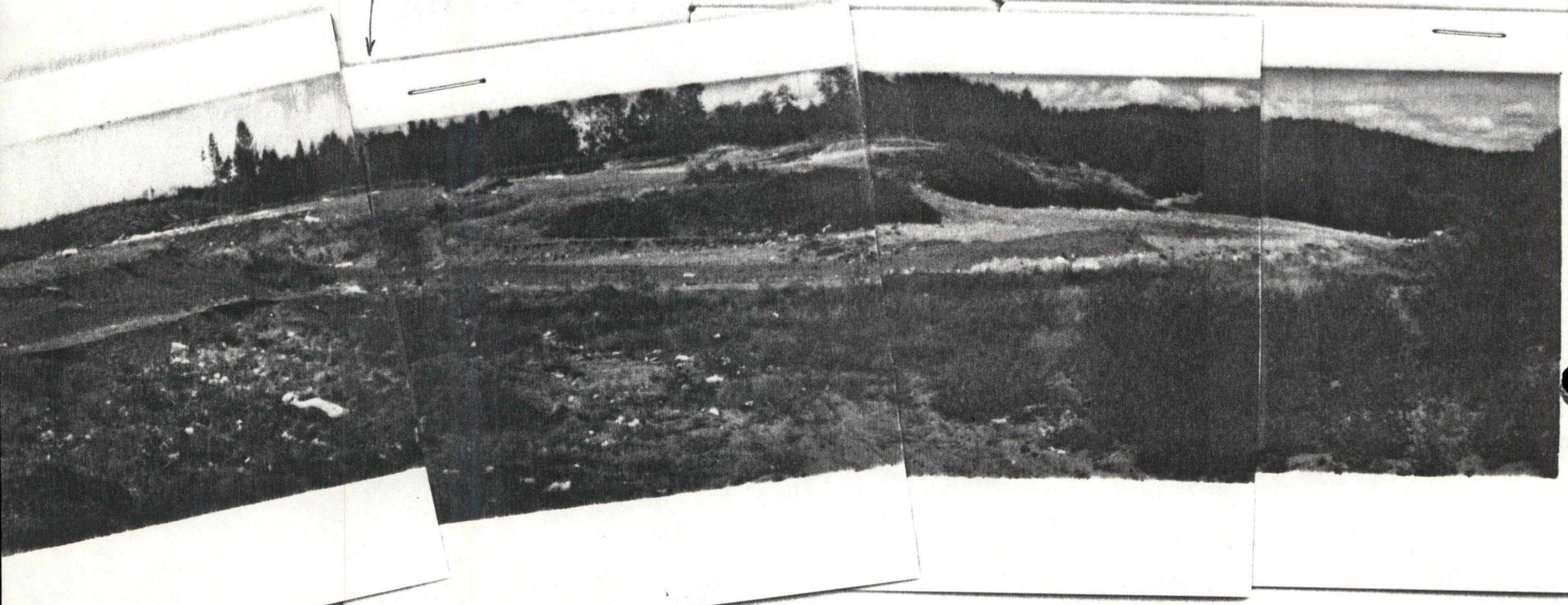
REMARKS ADVANCED AUGER 27½ ft THRU FILL. FIRST Sample & SPT at 27½.

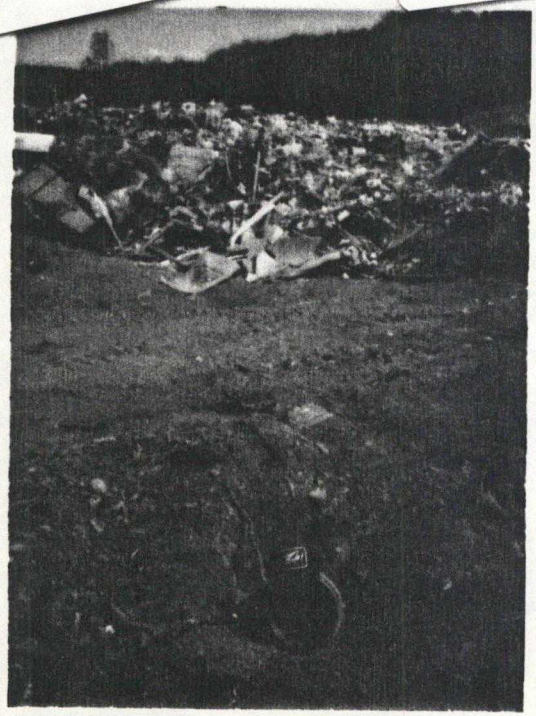
DRILLER/SKI REPORTS CHANGE AT 25'

DEPTH		DH-2 FIELD LOG
0		ADVANCED AUGER TO 27½ ft THRU FILL. SEE DH-1-1
27½	7, 24, 26	Dense reddish-tan Sand/Sandstone — Gray sandstone in tip
29		
32½	27, 50/5"	Dense/Hard gray Sandstone to reddish-tan Sand/Sandstone. Vertical gray/red-tan Sandstone contact.
33½		

Bottom
Piezo (2") installed

NO H_2O on Rods
& NO H_2O on Stringer
for 1 hr after drilling





Hoquiam Sanitary Landfill 8-3-84 Photos by Betts

▲ Looking from south perimeter drainage ditch northwest at landfill, Note vague red-brown leachate seep under arrow on 2nd photo from left

Looking down hill at

→ Clean stormwater diversion pipe (10"?) inlet above landfill operations, Dike needed to channel water into inlet