



BORING NO. W1

SHEET 1 OF 1

PROJECT NAME: <u>Holliday West Oakland</u>	DRILLING METHOD: <u>Direct Push</u>
PROJECT LOCATION: <u>5th & Magnolia Streets</u>	SAMPLING METHOD: <u>Macrocore</u>
DRILLING DATE: <u>September 17, 2015</u>	TOTAL WELL DEPTH (FT): <u>16</u>
DRILLING COMPANY: <u>ECA</u>	WATER LEVEL AT TIME OF DRILLING (FT): <u>w/4' bgs</u>
LOGGED BY: <u>RLM</u>	STATIC WATER LEVEL (FT): <u>—</u>

WELL CONSTRUCTION	DEPTH (FT)	BLOW COUNTS	CORE INTERVAL (FT)	CORE RECOVERY (FT)	SAMPLE INTERVAL	SAMPLE ID	PID (PPMV)	USCS	SOIL DESCRIPTION
			0-3	0-3		W1-1 @1015	(0.3)	SW	Asphalt sand, gravel, silt/clay, 10%R 4/3, dk grayish brown, fine to grad, rounded to angular
			3-6	3-6		W1-3 @1020	(0.3)	SM	slightly damp, no plast, loose, bits of brick conc. gravel silty sand, sm/ep, 10%R 4/3 brown to 4/2 dk grayish brown, fine-grained w/ rare concrete or brick
	9		6-8	6-8		W1-6 @1025	(0.3)	SM	concrete chunk silty sand, 10%R 4/3, fine-grained, no plast, slightly damp, loose
			8-12	8-12			(0.4)	SP/SC	clayey sand, 10%R 5/4 to 5/6 brown to strong brown, fine-grained, low plast, damp, med. dense
	10						(0.3)	SM	slight plast
			12-16	12-16		W1-16 @1140	(0.2)	SP/SM	moist v. moist, no plast wet
	15							SM	10%R 4/3 to 5/3 brown

BOREHOLE DIAMETER (INCHES): <u>2.25</u>	SLOTTED SCREEN SIZE (INCHES): <u>0.010</u>	BENTONITE SEAL - WET (FT): FROM <u>—</u> TO <u>—</u>
BOREHOLE DEPTH (FT): <u>16</u>	SLOTTED SCREEN INTERVAL (FT): FROM <u>11</u> TO <u>16</u>	BENTONITE SEAL - DRY (FT): FROM <u>—</u> TO <u>—</u>
CASING MATERIAL: <u>sch 40 PVC</u>	SAND SIZE: <u>—</u>	GROUT SEAL (FT): FROM <u>0</u> TO <u>16</u>
CASING DIAMETER (INCHES): <u>3/4</u>	SAND PACK INTERVAL (FT): FROM <u>11</u> TO <u>16</u>	SURFACE WELL COMPLETION: <u>concrete</u>
BLANK WELL CASING INTERVAL (FT): FROM <u>0</u> TO <u>11</u>		

PROJECT NAME: Holliday West Oakland

DRILLING METHOD: Direct Push

PROJECT LOCATION: 5th & Magnolia streets

SAMPLING METHOD: Macrocore

DRILLING DATE: 9/17/15

TOTAL WELL DEPTH (FT): 18

DRILLING COMPANY: ECA

WATER LEVEL AT TIME OF DRILLING (FT): 11.9

LOGGED BY: RUM

STATIC WATER LEVEL (FT): —

WELL CONSTRUCTION	DEPTH (FT)	BLOW COUNTS	CORE INTERVAL (FT)	CORE RECOVERY (FT)	SAMPLE INTERVAL	SAMPLE ID	PID (PPMV)	USCS	SOIL DESCRIPTION
			0-3	0-3	X	W2-1 @0940	(0.3)	SM	asphalt/baseroack
			3-6	3-6	X	W2-3 @0945	(0.1)	SM	silty sand, SW/SM, 10YR 4/2, fine-grained to coarse & gravel, no plast, slightly damp, loose, occ. to 1/2"
	5		6-10	5-6	X	W2-6 @0950	(0.2)	SM	piece of concrete silty sand, SM, 10YR 4/4, yellowish brown, fine-grained, no to slight plast, slightly damp, loose
			6-10	6-10	X	W2-6 @0950	(0.2)	SM/SP	10YR 4/4 brown
	10		10-13	10-13	X	W2-9 @1055	(0.3)	SM	silty sand, SM/SP, 10YR 4/4, yellowish brown, fine-grained, no plast, loose to med. dense, moist
			13-16	13-16	X		(0.4)	SM/SP	fine. fine S, slight to low plast
	15		13-16	13-16	X		(0.4)	SM	slight plast
			16-18	16-18	X	W2-18 @1400	(0.3)	SP	SM - wet saturated, low plast, slight plast no plast

BOREHOLE DIAMETER (INCHES): 2.25

SLOTTED SCREEN SIZE (INCHES): 0.010

BENTONITE SEAL - WET (FT):
FROM — TO —

BOREHOLE DEPTH (FT): 18

SLOTTED SCREEN INTERVAL (FT):
FROM 13 TO 18

BENTONITE SEAL - DRY (FT):
FROM — TO —

CASING MATERIAL: sch 40 PVC
CASING DIAMETER (INCHES): 3/4

SAND SIZE: —

GROUT SEAL (FT):
FROM 0 TO 18

BLANK WELL CASING INTERVAL (FT):
FROM 0 TO 13

SAND PACK INTERVAL (FT):
FROM 13 TO 18

SURFACE WELL COMPLETION: concrete

PROJECT NAME: <u>Holiday West Oakland</u>	DRILLING METHOD: <u>Direct Push</u>
PROJECT LOCATION: <u>5th & Magnolia Streets, WO</u>	SAMPLING METHOD: <u>Macrocore</u>
DRILLING DATE: <u>9/17/15</u>	TOTAL WELL DEPTH (FT): <u>16</u>
DRILLING COMPANY: <u>ECA</u>	WATER LEVEL AT TIME OF DRILLING (FT): <u>13.2' bgs</u>
LOGGED BY: <u>RLM</u>	STATIC WATER LEVEL (FT): <u>—</u>

WELL CONSTRUCTION	DEPTH (FT)	BLOW COUNTS	CORE INTERVAL (FT)	CORE RECOVERY (FT)	SAMPLE INTERVAL	SAMPLE ID	PID (PPMV)	USCS	SOIL DESCRIPTION
	4		0-4	0-4		W4-1 @1030	(0.3)	SP	Asphalt
						W4-3 @1035	(0.2)	SM	sw/sm, silty, gravelly sand, 10YR 4/2 dk gray, sub brown to 1/3 brown, fine to coarse, (more fine), no plast, loose, slightly damp to dry
						W4-6 @1040	(0.2)	SP	more mottled, var. dk grain size, minor clay, color change @ ~2.8' to 10YR 3/1
	8		4-8	4-8			(0.2)	SP	med. dk gray w/ wood & charcoal
								SP	silty sand, sm, 10YR 3/1, fine-grained, no plast., slightly damp, loose to med. dense
	12		8-12	8-12			(0.2)	SP	color change 10YR 4/2
								SM	color change 10YR 4/3 brown, damp
							(0.2)	SP	moist mottled 10YR 5/3 brown to 7.5YR 5/6 strong brown
							(0.2)	SM	wet @ 9.5', 10YR 5/3
								SM	↓ more silt/fines, slight plast
	16		12-16	12-16		W4-16 @1110	(0.1)	SP	slight inc. in sand grain size (still fine), slight plast
								SP	no plast

BOREHOLE DIAMETER (INCHES): <u>2.25</u>	SLOTTED SCREEN SIZE (INCHES): <u>0.010</u>	BENTONITE SEAL - WET (FT): FROM <u>—</u> TO <u>—</u>
BOREHOLE DEPTH (FT): <u>16</u>	SLOTTED SCREEN INTERVAL (FT): FROM <u>11</u> TO <u>16</u>	BENTONITE SEAL - DRY (FT): FROM <u>—</u> TO <u>—</u>
CASING MATERIAL: <u>sch 40 PVC</u>	SAND SIZE: <u>—</u>	GROUT SEAL (FT): FROM <u>0</u> TO <u>16</u>
CASING DIAMETER (INCHES): <u>3/4</u>	SAND PACK INTERVAL (FT): FROM <u>11</u> TO <u>16</u>	SURFACE WELL COMPLETION: <u>concrete</u>
BLANK WELL CASING INTERVAL (FT): FROM <u>0</u> TO <u>11</u>		