

May 3, 2019

EXHIBIT H

Carey Sheldon PO Box 883 Fairview, OR 97024

RE: Dubarko Road Subdivision – Wetland Determination

Carey:

This letter provides findings of a wetlands determination conducted by Environmental Science & Assessment, LLC (ES&A) at 40808 & 41010 Highway 26 in Sandy, Oregon (TL# 25E18CD00900 & TL#25E18CD01000) to evaluate the existing conditions. The 16.12-acre site is located directly east of a subdivision near Dubarko Road and Meadows Avenue and south of Highway 26 in the east end of Sandy, Oregon (Figure 1; Attachment A). The parcel boundaries and base topographic survey were provided by All County Surveyors and Planners, Inc.

A 6-lot subdivision and 216-unit condominium complex site is planned for the project. The project developer contracted ES&A to determine the presence of jurisdictional resources on site and determine the presence or absence of potential stream or wetland within the site.

METHODOLOGY

Potential wetland areas on the parcel were evaluated using the methodology provided in the Army Corps of Engineers Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region, (U.S. Army Corps of Engineers, 2010). This methodology defines criteria for hydrology, soils, and vegetation to identify wetland areas.

Two levels of investigation were used to evaluate the presence or absence of Sensitive Areas. The first level included a review of existing and available background data. The second level consisted of an on-site field investigation.

Reviewed background data included the following information:

- Aerial Photography (Google Earth, 2018)
- City of Sandy Local Wetland Inventory (Sri/Shapiro AGCO Inc., 1997)
- USFWS National Wetland Inventory (NWI) (USFWS, 2019)
- Natural Resource Conservation Service (NRCS) Soil Survey of Clackamas County, Oregon (Web Soil Survey, 2019)
- Topography (Metro Data Resource Center's MetroMap, 2018)

The lots within site are currently undeveloped, but a small structure was located on TL 1000 in 2012 based on the available 2012 aerial photos (Figure 2). The only evidence of water or wetland resources on site is an intermittent stream mapped on the City of Sandy Local Wetland Inventory (LWI) extending east to west through the site. The USFWS NWI does not map wetland or waters within the site (Figure 3) and the NRCS soil survey does not map hydric soils on site (Figure 4).

ES&A wetland scientist, Jack Dalton, conducted the site assessment on March 23, 2019, with a preliminary site visit on June 8, 2018. Three (3) wetland determination data plots were established to document existing conditions on-site (Figure 5). The data sheets are included in Appendix C of this report. Data plot locations were mapped in the field using a hand-held resource grade GPS unit and transferred to a base topographic survey provided by All County Surveyors and Planners, Inc. (Attachment A).

EXISTING CONDITIONS

The 16.12-acre site located at 40808 & 41010 Highway 26, Sandy, Oregon (TL# 25E18CD00900 & TL#25E18CD01000) is bordered by Highway 26 to the north and a neighborhood to the west. Agricultural land is located east of the site and a single-family residence is located on the lot directly east (Figure 1). A stub for Dubarko Road and a second road stub for Fawn Street are located along the west site boundary (Figure 2).

The investigation found no water feature at the mapped location in the middle of the site. While there is a narrow linear depression extending roughly east to west through the site, no defined channel bed or bank is present, as documented by site data plot locations (Figure 5). No evidence of ponding was observed in the lowest points in the west end of the site and no evidence of seasonal surface water flow was observed in the area of the mapped stream. The plant community is primarily a weedy cleared field dominated by Himalayan blackberry (*Rubus armeniacus*, FAC) and pasture grasses. The tree groves on site are primarily Douglas fit (*Pseudotsuga menziesii*, FACU) with small clusters of western red-cedar (*Thuja plicata*, FAC). No wetland vegetation is present on site. Soils sampled at the three data plots all lacked hydric soil indicators and showed no evidence of sub-surface saturation, high seasonal groundwater, saturation or other hydrology indicators. Photos documenting the existing conditions and plant community are provided in Attachment B. Detailed plant and soil data is provided in Attachment C.

It is my conclusion that the intermittent stream feature mapped on the LWI mapping is not longer accurate and no stream feature or wetland is currently present on site. Any historic drainage that may have extended through the site has is no longer present and was altered by past land use or a change in the surrounding basin hydrology up slope of site. There is no evidence of any surface water entering the site from the east and no evidence of wetland or seasonal ponded water features was observed in the lowest topographic point of site where wetland or were most likely to be located.

If you have any questions about the findings presented in this letter, I would be happy to discuss the determination findings further.

Sincerely,

Jack Dalton

Environmental Science & Assessment, LLC

Cc: Alex Reverman (via email)

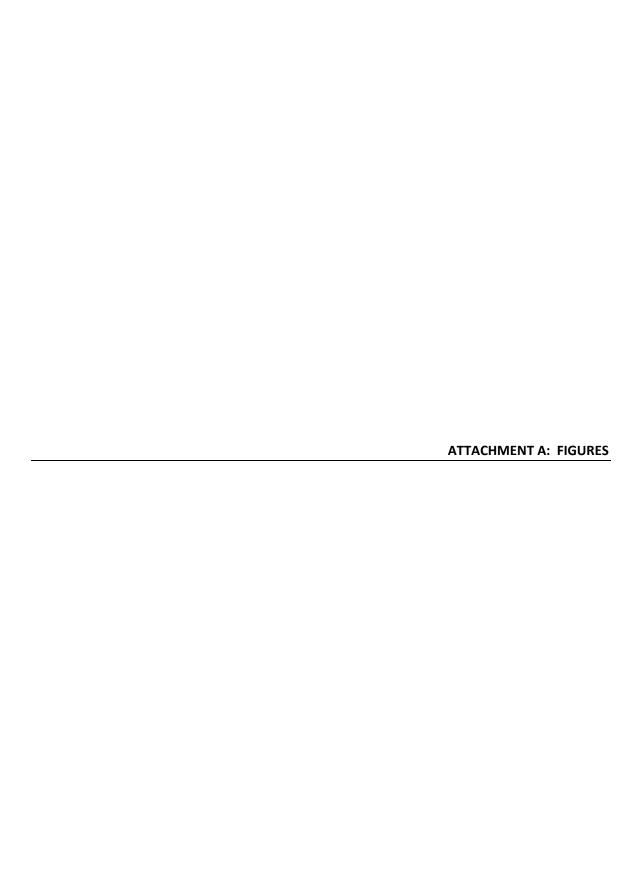
Ray Moore (via email)

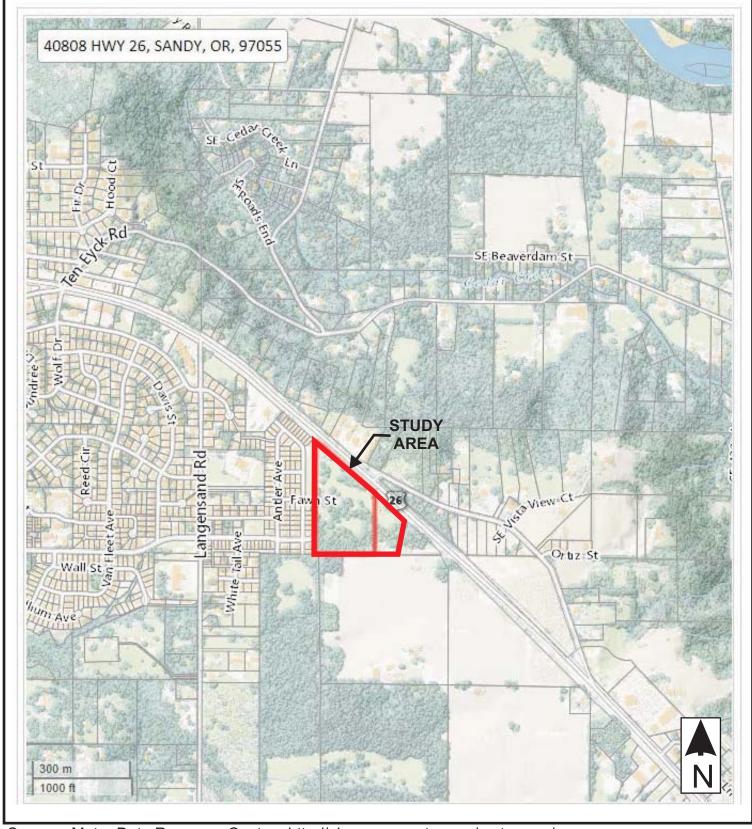
Attachments

A – Figures

B – Site Photos

C - Wetland Determination Data





Source: Metro Data Resource Center. http://gis.oregonmetro.gov/metromap/

Environmental Science & Assessment, LLC



Vicinity Map Dubarko Road Subdivision Sandy, Oregon Figure 1

Approx. Scale: 1in. = 100 ft.



Image Date: 9/3/2018

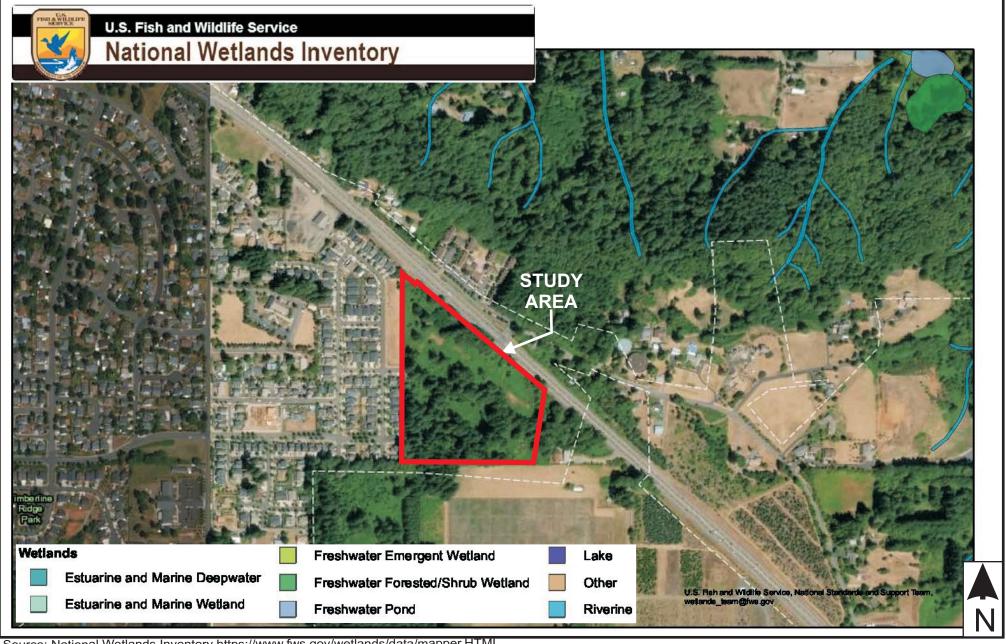
Environmental Science & Assessment, LLC



Aerial Photograph **Dubarko Road Subdivision** Sandy, Oregon

Approx. Scale: 1in. = 345ft.

Figure 2



Source: National Wetlands Inventory https://www.fws.gov/wetlands/data/mapper.HTML

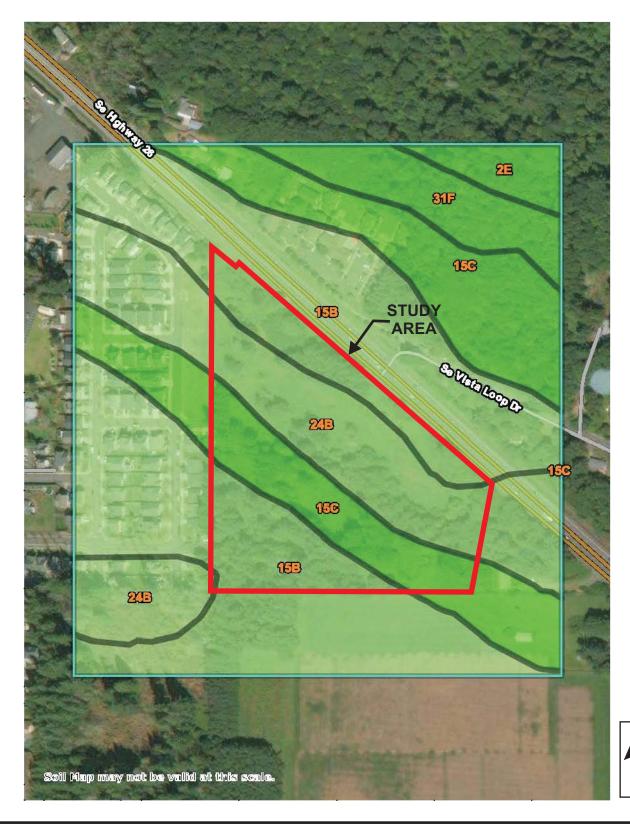
Environmental Science & Assessment, LLC



NWI Map Dubarko Road Subdivision Sandy, Oregon

Not to Scale

Figure 3



Source: NRCS Web Soil Survey https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx

Environmental Science & Assessment, LLC



NRCS Soil Map Dubarko Road Subdivision Sandy, Oregon Figure 4

Not to Scale

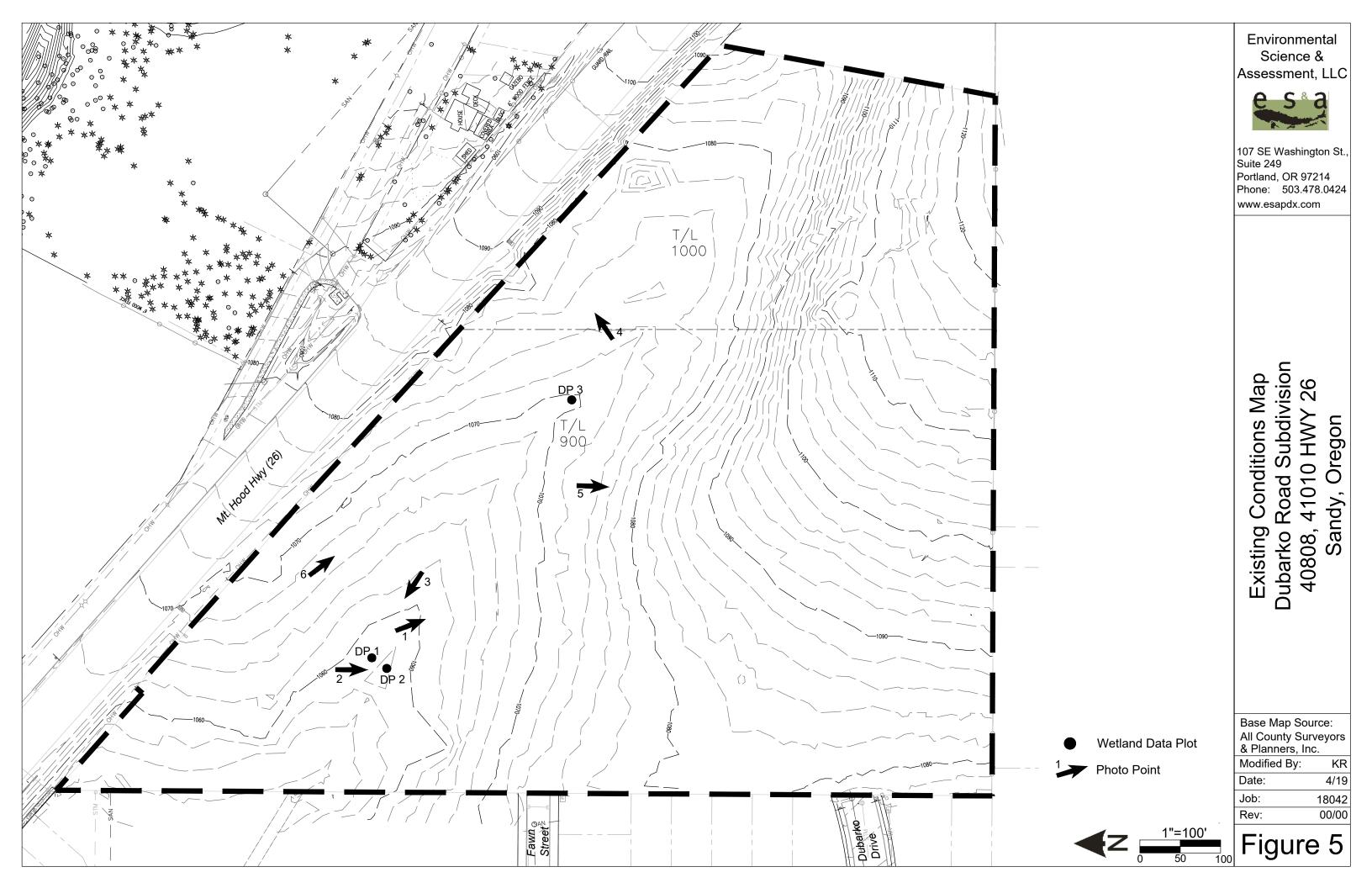






Photo 1: View SE of low point in the middle of the site.



Photo 2: View S by DP-1 and DP-2. Shallow swale with no offsite connection.



Photo 3: View NW of the middle of the site.



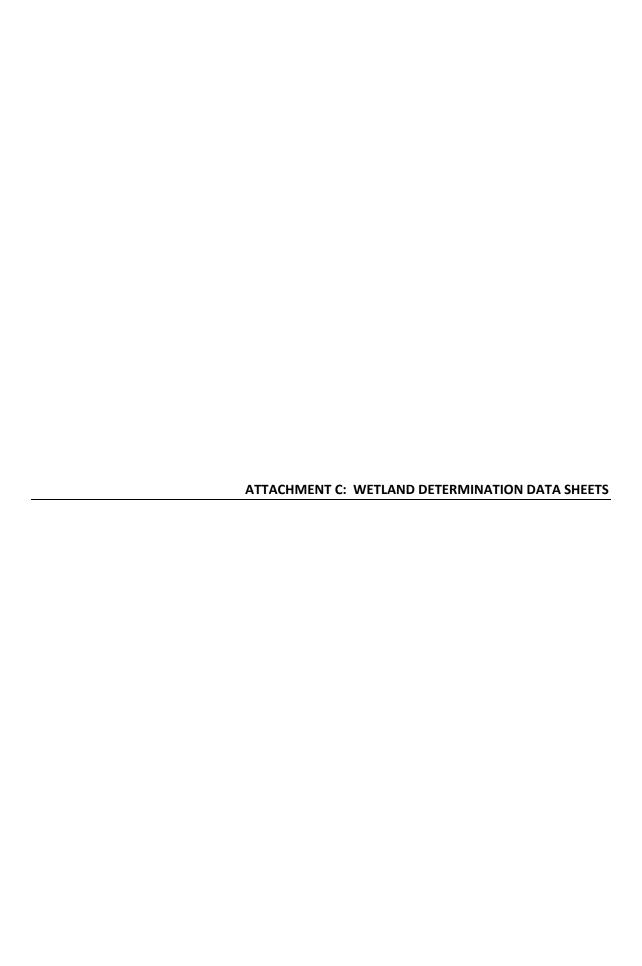
Photo 4: View NE of overgrown blackberry area.



Photo 5: View S of Doug fir forest in SW corner.



Photo 6: View NE of doug fir grove at N end.



WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: Dubarko Road Subdivision		City/County	y: Sandy/C	Clackamas	Sampling D	oate: 3/28/1	9
Applicant/Owner: Roll Tide Properties Corp		Sampling Point: DP-1					
Investigator(s): Jack Dalton		Section, To	ownship, Ra	nge: S18 T2S R5E			
Landform (hillslope, terrace, etc.):		Local relie	ef (concave,	convex, none): none		_ Slope (%):	
Subregion (LRR): A-Northwest Forests and Coasts	_ Lat: _45.	.392061°		Long: <u>-122.244803°</u>		Datum: N/A	١
Soil Map Unit Name: Cottrell silty clay loam (24B)				NWI classific	cation: N/A		
Are climatic / hydrologic conditions on the site typical for this	time of yea	ar? Yes _	X No	(If no, explain in F	Remarks.)		
Are Vegetation, Soil, or Hydrology si	gnificantly	disturbed?	Are '	'Normal Circumstances" _l	present? Ye	es X N	o
Are Vegetation, Soil, or Hydrology na	aturally pro	blematic?	(If ne	eded, explain any answe	rs in Remark	(s.)	
SUMMARY OF FINDINGS – Attach site map s	showing	samplir	ng point l	ocations, transects	i, importa	nt feature	s, etc.
Hydrophytic Vegetation Present? Yes No				*	<u> </u>		-
Hydric Soil Present? Yes No			he Sampled			V	
Wetland Hydrology Present? Yes No			hin a Wetlar	nd? Yes	No	<u> </u>	
Remarks: Data point taken at grassy, flat area in the low	er topo in	west end.					
VECETATION Line opiontific names of plant							
VEGETATION – Use scientific names of plant	Absolute	Dominan	t Indicator	Dominance Test work	rsheet:		
Tree Stratum (Plot size: 30' diameter)			Status	Number of Dominant S			
1				That Are OBL, FACW,		2	(A)
2				Total Number of Domir		4	
3				Species Across All Stra	ıta:	4	(B)
4			over	Percent of Dominant S		50	(A (D)
Sapling/Shrub Stratum (Plot size:)			ovei	That Are OBL, FACW, Prevalence Index wor		30	(A/B)
1. Rubus armeniacus	25	yes	FAC	Total % Cover of:		Aultiply by:	
2				OBL species			
3				FACW species		·	
4					0 x3=		
5					5 x 4 =		
Herb Stratum (Plot size:)	25	= Total Co	over		0 x 5 =		
Schedonorus arundinaceus	50	yes	FAC	Column Totals: 12	5 (A)	460	_ (B)
2. Agrostis sp.	20	yes	UPL	Prevalence Index	, - Β/Δ -	3.6	
3. Dactylis glomerata	20	yes	FACU	Hydrophytic Vegetation			
4. Poa sp.	10		FAC	1 - Rapid Test for I			
5				2 - Dominance Tes			
6				3 - Prevalence Ind	ex is ≤3.0 ¹		
7				4 - Morphological /			
8				data in Remark		,	
9				5 - Wetland Non-V			
10				Problematic Hydro			
11				¹ Indicators of hydric so be present, unless dist			nust
Woody Vine Stratum (Plot size:)	100	= Total Co	over	Do process, amose alex			
1				Hydrophytic			
2.				Vegetation			
		= Total Co	ver	Present? Ye	es N	No <u>×</u>	
% Bare Ground in Herb Stratum	-						
Remarks:							

SOIL Sampling Point: DP-1

Profile Desc	ription: (Descri	be to the dept	h needed to docui	ment the	indicator o	or confirm	n the absence	of indicator	s.)		
Depth Matrix Redox Features											
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	<u>Texture</u>		Remarks		
0-12	7.5 YR 3/2	100			С	M	silt loam	no redox			
12-16	7.5YR 4/4	99	7.5YR 4/6	1	С	M	silt loam				
16-20	7.5YR 3/4	99	7.5YR 4/6	1	С	M	silt clay loam				
											
		<u> </u>									
								-			
			Reduced Matrix, C			d Sand Gr			ore Lining, M=		
Hydric Soil	Indicators: (App	olicable to all I	RRs, unless othe	rwise not	ted.)		Indicato	rs for Proble	ematic Hydric	: Soils³:	
Histosol	` '	-	Sandy Redox (S5)			2 cr	n Muck (A10)			
	oipedon (A2)	-	Stripped Matrix	. ,				Parent Mate	, ,		
Black Hi		-	Loamy Mucky I			MLRA 1)			k Surface (TF	12)	
	en Sulfide (A4)	-	Loamy Gleyed	•	2)		Oth	er (Explain in	Remarks)		
	d Below Dark Sur	` ,	Depleted Matrix				0				
	ark Surface (A12)		Redox Dark Su	, ,					ytic vegetatio		
	lucky Mineral (S1		Depleted Dark						must be pres		
	Bleyed Matrix (S4)		Redox Depress	sions (F8)			unles	s disturbed o	r problematic.		
Restrictive I	Layer (if present):									
Type:											
Depth (inc	ches):						Hydric Soil	Present?	Yes	No <u>×</u>	
Remarks:											
HYDROLO	GY										
Wetland Hyd	drology Indicato	rs:									
Primary India	cators (minimum	of one required	; check all that appl	ly)			Secor	ndary Indicato	ors (2 or more	required)	
Surface	Water (A1)		Water-Sta	ined Leav	es (B9) (e x	xcept	V	/ater-Stained	Leaves (B9)	(MLRA 1, 2,	
	ater Table (A2)			1, 2, 4A,		•	4A, and 4B)				
Saturation			Salt Crust				Drainage Patterns (B10)				
	larks (B1)		Aquatic In	` '	oc (B13)		Dry-Season Water Table (C2)				
	nt Deposits (B2)		Hydrogen			i ta da an Bara			ble on Aerial I	magery (C9)	
-	posits (B3)				eres along l	_		eomorphic P	, ,		
	at or Crust (B4)				ed Iron (C4			hallow Aquita			
· ·	oosits (B5)				ion in Tilled			AC-Neutral T			
Surface	Soil Cracks (B6)		Stunted or	r Stressed	l Plants (D	1) (LRR A	.) R	taised Ant Mo	unds (D6) (LF	RA)	
Inundati	on Visible on Aer	ial Imagery (B7) Other (Exp	plain in Re	emarks)		F	rost-Heave H	ummocks (D7	')	
Sparsely	Vegetated Cond	ave Surface (E	88)								
Field Obser	vations:										
Surface Water	er Present?	Yes N	lo <u>√</u> Depth (in	iches):							
Water Table			lo <u>√</u> Depth (in								
Saturation P			lo <u>√</u> Depth (in				and Hydrolog	v Present?	Yes	No X	
(includes cap			.o <u> </u>			_ '''	ana myarolog	y 1 1000			
Describe Re	corded Data (stre	am gauge, mo	nitoring well, aerial	photos, pi	revious ins	pections),	if available:				
Remarks: No	saturation/O.R.	or evidence of	of surface flow.								

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: Dubarko Road Subdivision	City/Cou	nty: Sandy/C	Clackamas	_ Sampling Date: _3	3/28/19				
Applicant/Owner: Roll Tide Properties Corp			State: OR	_ Sampling Point: _[DP-2				
		Section, Township, Range: S18 T2S R5E							
Landform (hillslope, terrace, etc.):				Slop	e (%):				
Subregion (LRR): A-Northwest Forests and Coasts Lat:									
Soil Map Unit Name: Cottrell silty clay loam (24B)			NWI classifi	ication: N/A					
Are climatic / hydrologic conditions on the site typical for this time of									
Are Vegetation, Soil, or Hydrology significa	-		Normal Circumstances"		No				
Are Vegetation, Soil, or Hydrology naturall			eded, explain any answe	ers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map show			ocations, transects	s, important fea	itures, etc.				
Hydrophytic Vegetation Present? Yes X No									
Hydric Soil Present? Yes NoX	`	s the Sampled vithin a Wetlan		No×					
Wetland Hydrology Present? Yes No _X	<u>`</u>								
Remarks: Data point taken at low point in linear swale in the v	west end - no	evidence of v	wetland hydrology.						
VEGETATION – Use scientific names of plants.									
Abso	lute Domin	ant Indicator	Dominance Test wor	ksheet:					
	over Specie		Number of Dominant S	Species					
1			That Are OBL, FACW,	or FAC: 2	(A)				
2			Total Number of Domi	^					
3			Species Across All Str	rata: <u>3</u>	(B)				
4	= Total		Percent of Dominant S		(A (D)				
Sapling/Shrub Stratum (Plot size:)	= 10tai	Covei	That Are OBL, FACW,	•	(A/B)				
1. Rubus armeniacus 50	0 yes	FAC	Prevalence Index wo		h. a				
2			Total % Cover of: OBL species						
3			FACW species						
4			FAC species 1		345				
5					20				
Herb Stratum (Plot size:	U = Total	Cover	UPL species 3		50				
1. Schedonorus arundinaceus 50	0 yes	FAC			515 (B)				
2. Agrostis sp. 30	0 yes	UPL	Prevalence Index	$x = R/\Delta = 3$	43				
3. Holcus lanatus	5	FAC	Hydrophytic Vegetati						
4. Galium aparine 5	<u> </u>	FACU	1 - Rapid Test for	Hydrophytic Vegeta	tion				
5			✓ 2 - Dominance Te	est is >50%					
6			3 - Prevalence Inc	dex is ≤3.0 ¹					
7			4 - Morphological	Adaptations ¹ (Provid	de supporting				
8			data in Remark	ks or on a separate s	sheet)				
9			5 - Wetland Non-V		(Evoloin)				
10			Indicators of hydric so						
11	00 = Total (Cover	be present, unless dist						
Woody Vine Stratum (Plot size:)	<u>- 10tar (</u>	Cover							
1			Hydrophytic						
2			Vegetation	V N.					
	= Total (Present? Ye	es <u>×</u> No					
% Bare Ground in Herb Stratum	ev test . mar	rainal FAC dor	minated community the	at lacks EAC\M or O	RI vea				
Transition veg meete dominance test, but fails prevaience ind	ON IGOL - IIIdl	giriai i AC uUl	imated community tha	LIBUNG I ACVV UI U	DL vey.				

SOIL Sampling Point: DP-2

Depth	Matrix		tn needed to docum Redo	x Feature	s		i ale absellee	or manuators,
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-9	7.5 YR 3/2	100			С	M	silt loam	no redox, 10% pebbles
9-12	7.5YR 3/2	99	7.5YR 3/4	1	С	М	silt loam	
12-16	7.5YR 4/4	80	7.5YR 3/2	18	С	M		
			7.5YR 3/4	2	С	M		
16-20	7.5YR 4/4	90	7.5YR 4/6	10	С	М		
	-				· ——			
	-							
¹ Type: C=C	oncentration D=De	nletion RM	=Reduced Matrix, CS	=Covered	d or Coate	d Sand Gr	ains ² l o	cation: PL=Pore Lining, M=Matrix.
			LRRs, unless other			a Garia Gri		ors for Problematic Hydric Soils ³ :
Histosol	(A1)		Sandy Redox (S	S5)			2 cr	n Muck (A10)
	oipedon (A2)		Stripped Matrix	` '				l Parent Material (TF2)
Black Hi			Loamy Mucky N			MLRA 1)		y Shallow Dark Surface (TF12)
	en Sulfide (A4) d Below Dark Surfa	CO (A11)	Loamy Gleyed Depleted Matrix		<u>(</u>)		Oth	er (Explain in Remarks)
	ark Surface (A12)	CE (AII)	Redox Dark Su	` ')		³ Indicate	ors of hydrophytic vegetation and
	Mucky Mineral (S1)		Depleted Dark S					and hydrology must be present,
Sandy C	Gleyed Matrix (S4)		Redox Depress				unles	ss disturbed or problematic.
_	Layer (if present):							
Type:								
Depth (in	ches):						Hydric Soil	Present? Yes No _X
HYDROLO	CV							
	drology Indicators							
_			d; check all that appl	v)			Seco	ndary Indicators (2 or more required)
	Water (A1)	,	Water-Sta		es (B9) (e :	ccept		Vater-Stained Leaves (B9) (MLRA 1, 2,
	ater Table (A2)			1, 2, 4A, a				4A, and 4B)
Saturation			Salt Crust		,		0	Prainage Patterns (B10)
Water M	larks (B1)		Aquatic Inv	vertebrate	es (B13)		0	Ory-Season Water Table (C2)
Sedime	nt Deposits (B2)		Hydrogen	Sulfide O	dor (C1)		s	saturation Visible on Aerial Imagery (C9)
	posits (B3)		Oxidized F		_	_		Geomorphic Position (D2)
_	at or Crust (B4)		Presence					shallow Aquitard (D3)
	posits (B5)		Recent Iro					AC-Neutral Test (D5)
	Soil Cracks (B6)		Stunted or			I) (LRR A)	·	Raised Ant Mounds (D6) (LRR A)
	on Visible on Aeria		, <u> </u>	olain in Re	emarks)		F	rost-Heave Hummocks (D7)
Field Obser	Vegetated Conca	ve Suriace (D0)					
Surface Wat		Yes	No <u>✓</u> Depth (inc	chee).				
Water Table			No <u>✓</u> Depth (inc					
Saturation P			No <u>✓</u> Depth (inc				and Hydrolog	y Present? Yes No X
(includes cap	oillary fringe)							,
Describe Re	corded Data (strea	m gauge, mo	onitoring well, aerial p	ohotos, pr	evious ins	pections),	if available:	
D								
Remarks: No	saturation, O.R.	or evidence	of surface flow.					

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: Dubarko Road Subdivision		City/County	: Sandy/C	Clackamas	Sampling D	Date: 3/28/1	9
Applicant/Owner: Roll Tide Properties Corp		Sampling Point: DP-3					
Investigator(s): Jack Dalton		Section, To	wnship, Ra	nge: S18 T2S R5E			
Landform (hillslope, terrace, etc.):		Local relie	f (concave,	convex, none):		_ Slope (%):	
Subregion (LRR): A-Northwest Forests and Coasts	Lat: 45.	392061°		Long: <u>-122.244803°</u>		Datum: N/A	١
Soil Map Unit Name: Cottrell silty clay loam (24B)				NWI classific	ation: N/A		
Are climatic / hydrologic conditions on the site typical for this ti	me of yea	ar? Yes	<u>×</u> Nо_	(If no, explain in R	emarks.)		
Are Vegetation, Soil, or Hydrology sign	nificantly o	disturbed?	Are "	Normal Circumstances" p	resent? Ye	es X No	o
Are Vegetation, Soil, or Hydrology nati	urally prob	olematic?	(If ne	eded, explain any answe	rs in Remark	ks.)	
SUMMARY OF FINDINGS – Attach site map sh	nowing	samplin	g point le	ocations, transects	, importa	nt features	s, etc.
Hydrophytic Vegetation Present? Yes No _		<u> </u>	<u> </u>	, , , , , , , , , , , , , , , , , , ,	•		
Hydric Soil Present? Yes No			ne Sampled				
Wetland Hydrology Present? Yes No _		with	nin a Wetlar	nd? Yes	No	×	
Remarks: Data point taken up linear depression in middle	of site - ı	no wetlan	d hydrology	evident.			
·			, 0,				
VEGETATION III							
VEGETATION – Use scientific names of plants		Daminant	la dia atau	Daminana Tast wall	ala a a tr		
	Absolute <u>6 Cover</u>		Indicator Status	Dominance Test work Number of Dominant S			
1				That Are OBL, FACW,		2	(A)
2				Total Number of Domin	ant		
3				Species Across All Stra	ta:	4	(B)
4				Percent of Dominant Sp		50	
Sapling/Shrub Stratum (Plot size:)		= Total Co	over	That Are OBL, FACW,		50	(A/B)
1. Rubus armeniacus	50	yes	FAC	Prevalence Index wor Total % Cover of:		Aultiply by:	
2				OBL species			
3				FACW species			_
4) x3=		_
5		T-1-1-0			x 4 =	320	_
Herb Stratum (Plot size:)		= Total Co	over	UPL species30		4.50	_
1. Holcus lanatus	35	yes	FAC	Column Totals: 150	(A)	590	_ (B)
2. Anthoxanthum odoratum	30	yes	FACU	Prevalence Index	= B/A =	3.9	
3. Agrostis sp.	30	yes	UPL	Hydrophytic Vegetation	n Indicator	s:	
4. Schedonorus arundinaceus	5		FAC	1 - Rapid Test for I	Hydrophytic \	Vegetation	
5				2 - Dominance Tes			
6				3 - Prevalence Inde			
7				4 - Morphological A data in Remarks			porting
8				5 - Wetland Non-V	•	,	
10				Problematic Hydro			n)
11.				¹ Indicators of hydric soi			nust
_		= Total Co	ver	be present, unless distu	arbed or prob	olematic.	
Woody Vine Stratum (Plot size:)							
1			·	Hydrophytic Vegetation			
2					s 1	No <u>×</u>	
% Bare Ground in Herb Stratum		= Total Co	vei				
Remarks: Marginal degraded plant community - lacks FA0	CW or gre	eater plant	is.				

SOIL Sampling Point: DP-3

Profile Desc	cription: (Describ	e to the depti	h needed to docur	nent the	indicator o	or confirm	n the absence	of indicator	s.)		
Depth Matrix Redox Features											
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	<u>Texture</u>		Remarks		
0-10	7.5 YR 3/3	100			С	M	silt loam	no redox,			
10-13	7.5YR 4/3	98	10YR 3/6	2	С	М					
13-15	10YR 4/4	95	7.5YR 4/6	5	С	М					
15-20	10YR 4/3	80	7.5YR 4/6	10	С	M					
			10YR 4/4	10							
	-	_									
				-	· ——						
¹ Type: C=C	oncentration D=D	enletion RM=I	Reduced Matrix, CS	S=Covere	d or Coate		rains ² l o	eation: PI =P	ore Lining, M=	Matriy	
			RRs, unless other			J Saliu Gi			ematic Hydric		
Histosol			Sandy Redox (,			n Muck (A10)	-		
	oipedon (A2)	_	Stripped Matrix					Parent Mate			
	istic (A3)	_	Loamy Mucky N	. ,	1) (except	MI RA 1)			rk Surface (TF	12)	
	en Sulfide (A4)	-	Loamy Gleyed			merca i)		er (Explain in		12)	
	d Below Dark Surf	- 	Depleted Matrix		-)		Our	ei (Expiaiii iii	inemaiks)		
	ark Surface (A12)	ace (ATT) _	Depleted Math				3Indicate	re of budrook	nytic vegetation	a and	
		_		, ,							
	Mucky Mineral (S1)	-	Depleted Dark	•	-7)				must be prese	int,	
	Bleyed Matrix (S4)		Redox Depress	ions (F8)			unies	s disturbed d	or problematic.		
	Layer (if present)	:									
Type:								5 40	v		
Depth (in	ches):						Hydric Soil	Present?	Yes	No <u>×</u>	
Remarks:											
HYDROLO	GY										
Wetland Hy	drology Indicator	s:									
_			check all that appl	v)			Seco	ndary Indicate	ors (2 or more	reauired)	
-	Water (A1)		Water-Sta		as (R9) (a)	rcent			Leaves (B9) (
	ater Table (A2)			1, 2, 4A, a		сері	•	4A, and 4E		WILIXA 1, 2,	
_					allu 4D)		5	•	,		
Saturation	,		Salt Crust	` '			Drainage Patterns (B10)				
	larks (B1)		Aquatic In		. ,		Dry-Season Water Table (C2)				
Sedimer	nt Deposits (B2)		Hydrogen					aturation Vis	ible on Aerial Ir	nagery (C9)	
Drift Dep	posits (B3)		Oxidized F	Rhizosphe	res along l	iving Roc	ots (C3) G	eomorphic P	osition (D2)		
Algal Ma	at or Crust (B4)		Presence	of Reduce	ed Iron (C4)	s	hallow Aquita	ard (D3)		
Iron Dep	oosits (B5)		Recent Iro	n Reducti	on in Tilled	Soils (C6	6) F	AC-Neutral T	est (D5)		
	Soil Cracks (B6)		Stunted or				-		ounds (D6) (LR	RA)	
	on Visible on Aeria	al Imagery (B7							lummocks (D7		
	y Vegetated Conca			Jiani III I K	indiko)		'	lost ricave r	idilililooks (D7)	,	
Field Obser		ave Surface (D	0)								
		V N	Don'th Co	-1							
Surface Wat			lo / Depth (in								
Water Table			lo Depth (in					. D	V	N. Y	
Saturation P (includes car		Yes N	lo <u>√</u> Depth (in	ches):		_ Weti	and Hydrolog	y Present?	Yes	No	
		ım gauge, mor	nitoring well, aerial	photos, pr	evious insp	pections),	if available:				
	Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:										
Remarks: fai	Remarks: faint O.R. at 13"										

OFFSITE WETLAND DETERMINATION REPORT OREGON DEPARTMENT OF STATE LANDS

BATCH

WD#: 2019-0386

775 Summer Street NE, Suite 100, Salem OR 97301-1279 Phone: (503) 986-5200

At your request, an offsite wetland determination has been conducted on the property described below. County: Clackamas City: Sandy Agent Name & Address: Tracy Brown, Tracy Brown Planning Consultants, LLC, 17075 Fir Dr., Sandy, OR 97055 Township: 2S 5E Section: 18 Q/Q: CD Range: Tax Lot(s): 900, 1000 Project Name: Site Evaluation Site Address/Location: 40808 and 41010 Highway 26, Sandy, OR The National Wetlands Inventory or Local Wetlands Inventory shows a wetland on the property. The county soil survey shows hydric (wet) soils on the property. Hydric soils indicate that there may be wetlands. It is unlikely that there are jurisdictional wetlands or waterways on the property based upon a review of wetlands maps, the county soil survey and other information. An onsite investigation by a qualified professional is the only way to be certain that there are no wetlands. There may be wetlands/waterways on the property that are subject to the state Removal-Fill Law. \triangle A state permit is required for ≥ 50 cubic yards of fill, removal, or ground alteration in the wetlands or waterways. A state permit may be required for any amount of fill, removal, or other ground alteration in the Essential Salmonid Habitat and hydrologically associated wetlands. A state permit will be/will not be required for project because/if ☐ The proposed parcel division may create a lot that is largely wetland and thus create future development problems. A wetland delineation by a qualified wetland consultant is recommended prior to site development. The wetland delineation report should be submitted to DSL for review and approval. ☐ A permit may be required by the Army Corps of Engineers: (503) 808-4373 Note: This report is for the state Removal-Fill Law only. City or County permits may be required for the proposed activity. Comments: Based on a review of the available information, there are no jurisdictional wetlands or waters on the property. Date: 7/03/19 Determination by: This jurisdictional determination is valid for five years from the above date, unless new information necessitates a revision. Circumstances under which the Department may change a determination and procedures for renewal of an expired determination are found in OAR 141-090-0045 (available on our web site or upon request). The applicant, landowner, or agent may submit a request for reconsideration of this determination in writing within six months from the above date. ☐ This is a preliminary jurisdictional determination and is advisory only. Copy To: ☐ Other ☐ Enclosures: email: tbrownplan@gmail.com ☐ City of Sandy FOR OFFICE USE ONLY Entire Lot(s) Checked? X Yes No Waters Present ☐ Yes ☒ No ☐ Maybe Request Received: 6/27/2019 LWI Area: Sandy LWI Code: N/A Latitude: 45.390763 Longitude: -122.244278 Related DSL File # N/A Has Wetlands? ☐Y ☒N ☐Unk ESH? \square Y \boxtimes N Wild & Scenic? Y N State Scenic? Y N Coast Zone? Y N Unk Adjacent Waterbody: N/A __NWI Quad: Sandy de Scanned Mailings Completed Data Entry Completed

Proj.#78454