

CLARK COUNTY WASHINGTON

COMMUNITY DEVELOPMENT WETLAND AND HABITAT REVIEW www.clark.wa.gov

1300 Franklin Street PO Box 9810 Vancouver, WA 98666-9810 564.397.5855

MEMORANDUM

То:	Jenna Kay, Planner II/Shoreline Master Program Coordinator
From:	Brent Davis, Wetland and Habitat Review Manager/Shoreline Administrator 🛛
Date:	January 10, 2019
Subject:	REVISED Analysis to Support Proposed Shoreline Map Amendments in the Shanghai Creek Basin

Introduction

The current Shoreline Map for Clark County includes a large area in the Shanghai Creek basin that was added to the map with the 2012 Shoreline Master Program update based on the 2005 Clark County Wetland Inventory. Shanghai Creek is not a Shoreline stream pursuant to RCW 90.58.030(2)(e), but is a tributary of Fifth Plain Creek. The confluence of Shanghai and Fifth Plain creeks is the point at which Fifth Plain Creek becomes a Shoreline stream. Potential wetlands mapped in the Wetland Inventory that are contiguous with the point downstream where Fifth Plain Creek becomes a Shoreline stream were added to the Shoreline Map, including a large area in the Shanghai Creek basin on the basis that these wetlands may be associated with the Shoreline stream.

In 2016 county staff coordinated with Ecology to determine that the downstream most wetland associated with the south side of Shanghai Creek is not associated to the Shoreline due to a hydrologic break that isolates the wetland from direct interaction with the waters in Fifth Plain Creek. Furthermore, case-by-case review of wetlands entirely within the Shanghai Creek basin have yet to identify a wetland associated to the Shoreline or Shorelands.

As part of the 2020 Periodic Update to the Shoreline Master Program, I have compiled data from the review of several properties located south of Shanghai Creek that are identified on the current Shoreline Map and performed some additional field review of publicly accessible hydrologic breaks caused by the existing roads and drainage infrastructure to support the proposed removal of all areas on the Shoreline Map that are south of Shanghai Creek and entirely within the Shanghai Creek basin (the study area). In addition, I have included a small area of mapped wetlands in the Lacamas Creek basin that has been confirmed to be uplands and since been developed into residential subdivision.

Velvet Acres

Velvet Acres is a recently platted subdivision that spans the divide between Shanghai and Lacamas Creeks at the western end of the study area. There are no wetlands in this subdivision (see Attachment C-1), therefore this area can be removed from the Shoreline Management Area map as proposed in Figure 1.

BFI Subdivision

The BFI Subdivision was platted in 2010. The site was subject to a wetland delineation at the time. No wetlands were identified on portions of the plat that are overlaid with the current shoreline map. One small wetland is shown in the southwest portion of the plat that outside the current shoreline map (see Attachment C-2).



8102 NE 211th Ave.

A residential building permit for a new home was granted on this property in 2014. Wetland and Habitat Review staff determined that there are no wetlands on this property (see Attachment C-3).

8018 NE 201st Ave.

A residential building permit for a home addition was granted on this property in 2019. Wetland and Habitat Review staff identified Wetland Unit I (Figure 1) and determined that is was not associated to the Shoreline Management Area.

Mapped Wetland Inventory in the Shanghai Creek Basin

The county has identified all likely wetlands in the portion of the Shanghai Creek basin south of the channel and West of NE 222nd Ave. and determined than none of these wetlands meet the criteria to be associated with the Shoreline Management Area associated with Fifth Plan Creek. Therefore, these areas can be removed from the Shoreline Management Area map as proposed in Figure 1.

Review of Wetland Units

Since the Shoreline Master Program adoption in 2012, County biologists have reviewed projects on numerous properties in the study area (see Figure 1). Wetland units have been mapped using the assessment unit guidelines in the 2014 Wetland Rating System for Western Washington. Some units have been modified as additional sites within the unit have been evaluated. This review is based on the most current assessment unit boundaries in the study areas. Two units south of NE 83rd St. have been mapped specifically for this review without on-site verification.

1. Unit A

Unit A is the downstream most wetland in this review. The downstream hydrologic break (Figure 3A) was initially established in 2016 based on analysis prepared by a AKS Engineering & Forestry and reviewed on site by Clark County and Ecology (see Attachment A). This unit is a slope wetland isolated from influence by Shanghai Creek, except for during extreme flood events, due to vertical separation from the channel and from and the SMA by vertical separation from Fifth Plain Creek and upland terrace elevated above the Flood Hazard Area (1% probability).

The upstream limits of Unit A (Figure 3B) have recently been evaluated through off-site analysis provided by Ecological Land Services, Inc. and reviewed by county biologists.

2. Unit B

Unit B (Figure 3B) is a slope wetland isolated from influence by Shanghai Creek, except for during extreme flood events, due to vertical separation from the channel and from Unit A by a lateral ditch that captures and routes all surface and shallow ground water flows to Shanghai Creek. This unit is isolated from the SMA by Shanghai Creek. The county has not had an opportunity to review this unit on-site but the west and east breaks are clearly visible in aerial photography.

3. Unit C

Unit C (Figure 3B) is a slope wetland isolated from influence by Shanghai Creek, except for during extreme flood events, due to vertical separation from the channel and from Unit B by development that prevents east to west exchanges of hydrology. This unit is isolated from the SMA by Shanghai Creek. County biologists have been on-site in Unit C to verify the slope classification eastern extents. The western hydrologic break is clearly visible in aerial photography.

4. Unit D

Unit D is a slope wetland isolated from influence by Shanghai Creek, except for during extreme flood events, due to vertical separation from the channel and from Unit C by NE 202nd Ave. This unit is isolated from the SMA by Shanghai Creek. County biologists have verified that the culvert draining this unit (Figure 3B) to the west discharges to the roadside ditch on the west side of NE 202nd Ave. which drains directly to Shanghai Creek.

5. Unit E

Unit E is a slope wetland isolated from influence by Shanghai Creek, except for during extreme flood events, due to vertical separation from the channel and from Unit D by NE 212th Ave. This unit is isolated from the SMA by Shanghai Creek. County biologists have been on-site in Unit E and have verified that the culvert draining this unit (Figure 3B) to the west discharges directionally to the Unit D with a sufficient vertical drop to create a hydrologic break.

6. Unit F

Unit F is a slope wetland isolated from influence by Shanghai Creek, except for during extreme flood events, due to vertical separation from the channel and from Unit E by a strip of upland at the western end. This unit is isolated from the SMA by uplands. County biologists have been on-site in Unit G and have verified the presence of the hydrologic break.

7. Unit G

Unit G (Figure 1) is a closed depression isolated from influence by Shanghai Creek and the SMA by uplands. This unit has been characterized by on-site review by county biologists.

8. Unit I

Unit I slope wetland isolated from influence by Shanghai Creek and the SMA by the hydrologic breaks created by the roadside ditch system along NE 83rd St. This unit has been characterized by on-site review by county biologists (see Attachment B).



Urban Conservancy

Areas to be Removed

Urban Conservancy

Validated Wetland Assessment Units

Properties Reviewed (Current SMP)

Shanghai Creek Basin Limits





Rural Conservancy Residential

Rural Conservancy Resource Land

Rural Conservancy Resource Land

Rural Conservancy Residential

2020 Shoreline Master Program Update Shanghai Creek Shoreline Map Revisions Figure 1 Wetland Assessment Units and Proposed Map Revisons □ Feet S 1,400 2,100 2,800



Urban Conservancy

Validated Wetland Assessment Units Properties Reviewed (Current SMP)

Shanghai Creek Basin Limits



Rural Conservancy Residential

Rural Conservancy Resource Land

350 700

0

2020 Shoreline Master Program Update

Shanghai Creek Shoreline Map Revisions

Figure 2 Hydroligic Break Detail Sheet Index

		Enternation Feet
1,400	2,100	2,800





- Rural Conservancy Resource Land
- Areas to be Removed
 - Rural Conservancy Resource Land
- Validated Wetland Assessment Units
- Field Verified Hydrologic Break Shanghai Creek Basin Limits



\//-

600 Feet

Figure 3A: Key Hydrologic Breaks - Detail

400

100

200



Areas to be Removed

Rural Conservancy Resource Land —— Culverts

- Validated Wetland Assessment Units
- ---- Ditch

Rural Conservancy Resource Land — Field Verified Hydrologic Break



2020 Shoreline Master Program Update Shanghai Creek Shoreline Map Revisions w-Figure 3B: Key Hydrologic Breaks - Detail 600 Feet 100 200 400 s







Attachment A - p1

Attachment A - p2

Attachment A - p3

Attachment A - p4 TUALATIN · VANCOUVER · SALEM-KEIZER WWW.AKS-ENG.COM 9600 NE 126TH AVENUE, SUITE 2520 · VANCOUVER, WA 98682 P: (360) 882-0419 F: (360) 882-0426

IDENTIFIED HYDROLOGY FLOW

The site reconnaissance identified a total of six agriculture ditches that convey hydrology from the 4K wetland unit offsite and north to Shanghai Creek. Two ditches run north/south across the full extent of the offsite area (Ditch 1 and Ditch 2), two ditches run east/west (Ditch 3 and Ditch 4), one ditch runs north/south before turning west/northwest (Ditch 5), and one short ditch (Ditch 6) connects an agriculture pond (AG Pond) pond to Shanghai Creek. Ditch 3 has two sections, Ditch 3 West and Ditch 3 East. Ditch 3 captures hydrology from the northern portion of the onsite 4K Wetland, and conveys it north into Ditch 1.

Hydrology from the eastern portion of the wetland unit is conveyed north/northwest by Ditches 1-4. The hydrology collected by Ditches 1, 2, and 3 is conveyed north to Ditch 4, where the flow merges just prior to flowing down into the AG Pond. Ditch 6 provides a direct connection between the AG Pond and Shanghai Creek.

Hydrology from the western portion of the wetland unit is conveyed by Ditch 5. Ditch 5 is surrounded by two upland areas (Upland 1 and Upland 2). These two upland areas (262-foot contour) are approximately two to four feet higher in elevation than the adjacent wetland unit (258-foot contour), as represented by Clark County GIS topography data (Figure 2). Runoff from these upland areas flows down to the toe of the slope associated with the uplands and into Ditch 5. Ditch 5 conveys hydrology from the western portion of the wetland unit and after passing through a culvert outfalls to Shanghai Creek.

Uplands

Four upland areas were documented during the offsite reconnaissance (Figure 1). Data collected at the "sample plot" locations (SP-1, SP-2, SP-3 and SP-4) are as follows. Also see representative site photos attached of the upland areas.

Location	Soils	Vegetation	Hydrology
SP-1	10YR 4/4, 0-16"	Douglas-fir	None
		Orchard grass	
		Himalayan blackberry	
		Common dandelion	
		Common buttercup	
SP-2	10YR 4/4, 0-16"	AG pasture grass	None
SP-3	10YR 3/4, 0-16"	AG pasture grass	None
SP-4	10YR 3/4, 0-16"	AG pasture grass	None

Ditch Measurements

The below table documents the width and depth of the offsite AG Ditches as documented during the site reconnaissance. The length and width data for the ditches was collected in order to document the size of the diches, as well as provide an indicator of the approximate flow volume that seasonally flows through the wetland unit. Also see representative site photos attached of the Ditches.

Location	Data Point	Width (feet)	Depth (inches)	Notes:
Ditch 3	1	2	6	West portion of Ditch 3
Ditch 3	2	3	7	West portion of Ditch 3
Ditch 3	3	5	7	West portion of Ditch 3



Ditch 1	4	11	11	Junction of E and W Ditch 3
Ditch 1	5	2	5	East portion of Ditch 3
Ditch 1	6	11	11	
Ditch 1	7	10	13	
Ditch 1	8	9	16	
Ditch 1	9	9	16	
Ditch 1	10	9	14	
Ditch 1	11	9	12	At old east/west fence line
Ditch 1	12	9	13	
Ditch 4	13	11	21	Runs east/west
Ditch 4	14	16	30	
Ditch 5	18	8	16	Runs north/south/west
Ditch 6	15	4	30	Connects pond to S. Cr.
Ditch 1 culvert	16		9	South of culvert
Ditch 1 culvert	17		4	North of culvert

IDENTIFIED CHANGES IN ELEVATION

Survey Data Collection

The elevations of three points along the 4K northern boundary were surveyed. Additionally, the elevations of seven points across offsite locations were surveyed. The seven offsite points were surveyed in an effort to document the change in elevation within the wetland unit, and along Shanghai Creek. The survey points were identified locations in the field where hydrology flow patterns were observed to change, or drop in elevation, and therefore generally change from bi-directional flow to unidirectional flow. The elevations of the points were surveyed with a laser level. The northwest corner of the 4K parcel was used as the baseline point for the survey.

Survey Point Locations	Baseline Elevation (ft.)	Relative Elevation	Difference in Elevation Between Points
E1 (NW property corner of 4K property)	2.02 (at E1)	0 (at baseline)	
E2 (mid-point of N. 4K parcel boundary)		-0.78	
E3 (NE property corner of 4K property)		-2.26	
E4 (Northern extent of Ditch 1)		-8.18	1 //
E5 (Eastern edge of AG Pond at Ditch 4)		-9.58	-1.4
E6 (AG Pond)		-9.20	1 97'
E7 (Top of Break 1 – Shanghai Cr.)		-11.02	-1.62
E7 (Top of Break 1 – Shanghai Cr.)		-11.02	-2.02′
E7 (Bottom of Break 1 – Shanghai Cr.)		-13.04	(Break 1)
E8 (Top of Break 2 – Shanghai Cr.)		-13.94	-1.03′
E8 (Bottom of Break 2 – Shanghai Cr.)		-14.97	(Break 2)
E8 (Bottom of Break 2 – Shanghai Cr.)		-14.97	
E9 (Confluence of Shanghai Creek and		-15.14	-0.17′
Fifth Plain Creek/Upper Fifth Plain Creek)			
Totals		-15.14	-6.27



The total difference across the points listed represents the change in elevation from the point within the wetland unit where bi-directional flow changed to unidirectional flow. The unidirectional flow of Shanghai Creek would need to gain over 6 feet in elevation to reach the bi-directional flow area of the wetland unit.

Survey Data Collection Summary

At point E7, a change of over 2 feet was documented (-2.07). At point E8, a change of an additional 1foot was documented (-1.03'), with another 0.17' drop documented at the confluence of Shanghai Creek and Fifth Plain Creek. This data shows that within approximately 1,800 feet east of the confluence of Fifth Plain Creek (Type S), Shanghai Creek (Type F) increases in elevation by 3.22 feet. These documented changes in elevation along Shanghai Creek are considered significant, and therefore represent a break in hydrology between the Type S water (shoreline) and the Type F water. See representative site photos attached documenting the elevation survey points and Break 1 and Break 2.

Hydrology Flow Direction

The elevation survey documented a drop in elevation of 9.58' from the 4K northwestern property corner (E1) to the eastern boundary of the offsite pond (E5). Due to this change in elevation from west to east, a portion of the onsite 4K wetland hydrology flows to the northeast property corner and out to Ditch 1. The lowest elevation within the wetland unit across the open field north of the 4K property is generally the 260-foot elevation contour. The elevation drops from the wetland in the field by approximately 2 feet to the water level within Shanghai Creek.

The hydrology flow directions are depicted on Figure 2 (4K Shorelines JD Topo Map) for the onsite and offsite portions of the wetland unit associated with the 4K wetland. The ditches combined with the presence of two upland areas (Upland 1 and Upland 2) located above the 256-foot elevation contour (Figure 2) help to convey the wetland hydrology to two main points along the southern bank of Shanghai Creek. These points are depicted on Figure 1 and 2 as "E6" and "E7."

SUMMARY

Identified Breaks

The offsite reconnaissance determined that the 4K Wetland hydrologically generally flows to the north (offsite) through historic agriculture ditches. The slope documented across the offsite field, north of the 4K site, is generally 1 percent (north to south) and the hydrology is therefore allowed to generally flow bi-directionally across this open field and the ditches. When Ditches 1-3 join and flow into Ditch 4, there is unidirectional flow west until the hydrology drops to the AG Pond. The fall into the AG Pond (survey points E4 to E6) documents a drop in elevation of approximately 1.02 feet, or 9.58 feet below that of the 4K Wetland. The pond is separated from Shanghai Creek by a berm approximately 4 feet tall. The AG Pond is a temporary settling point (or bi-directional flow) for the hydrology, as Ditch 5 allows a direct connection to the Shanghai Creek from the AG Pond. Once the hydrology leaving the AG Pond flows out to Shanghai Creek, the flow is again unidirectional, flowing west.

West of the AG Pond, two changes in elevation within the main channel of Shanghai Creek were observed and documented at survey points; E7 top/E7 bottom, and E8 top/E8 bottom. The change in elevation between the AG Pond (E6) and E7 top was -1.82 feet. From E7 top to E7 bottom the change in elevation was -2.02'. This change in the water elevation of over two feet was considered significant, and documented as "Break 1" (Figure 1)



The change in elevation between E8 top and E8 bottom was -1.03'. This change in the water elevation of over one foot within the main channel of Shanghai Creek was considered significant, and documented as "Break 2".

The overall difference in elevation documented between Ditch 4 within the wetland unit (the location where bi-directional flow is lost), to survey point E8 bottom (Break 2) is over six feet. The elevation difference and the loss of bi-directional flow across this area is considered significant enough to be considered a "break" in the wetland hydrology between the 4K Wetland and Shanghai Creek, and the downstream Shoreline waters of the state (Fifth Plain Creek). Therefore, the criteria for associated wetlands is not met, and the 4K wetland unit can be separated from that of the Fifth Plain Creek Shoreline designation.

Associated wetlands are defined as *"those wetlands which are in proximity to and <u>either influence</u> or <u>are</u> <u>influenced</u> by waters of a lake, river or stream subject to the SMA."*

The 4K Wetland hydrology is conveyed to Shanghai Creek and the Shoreline waters of the state (and therefore influences it), but the "Shoreline waters" do not flow bi-directionally up to the 4K wetland unit, and therefore the 4K Wetland is not influenced by "Shoreline waters."

For this reason, the 4K Wetland does not meet the criteria for an associated wetland, and should not be considered a Shoreline of the state, and should not be regulated by the Shoreline Management Act (SMA).

Sudrean Mberle

Andrea Aberle, Sr. Biologist/Project Manager <u>aberlea@aks-eng.com</u>

Attachments















Photo 1.

View south of the forested wetland present on the northern portion of the 4K property. Photo taken from the field north and off site of the 4K property.

Photo 2.

View west across Ditch 3. Ditch 3 collects hydrology from the 4K wetland and conveys it north to Ditch 1.

Photo 3.

Representative photo of hydrology present within Ditch 1, Data point 9.







Photo 4.

Representative photo of hydrology present within Ditch 1, Data point 11. Approximate width of channel is 9 feet, and depth 12 inches.

Photo 5.

View south down Ditch 2 from the northeast property corner associated with the northern 4K parcel. The E3 survey point was also at this location.



View south down Ditch 2 from the fenceline near Shanghai Creek. Ditch 2 flows directly into Shanghai Creek north of this fenceline.









Photo 7.

View west down Shanghai Creek from location directly north of Ditch 4.

Photo 8.

View west down Shanghai Creek from location directly north of AG Pond.



Photo 9.

View east down Ditch 4 from location just above AG Pond. Ditch 4 flows into AG Pond. Survey point E5 located just east of AG Pond. Location where Ditch 4 falls into AG Pond.





Photo 10.

View west down Ditch 4 toward AG Pond.

Photo 11.

Ditch 6 is visible in bottom left corner of photo. Ditch 6 connects the AG Pond to Shanghai Creek.



Photo 12.

View west across AG Pond. Measurement denotes the upland berm height (3' 9") associated with the north side of the AG Pond. The upland area continues west of the pond "Upland 1" on the site map.









Photo 13.

View west of the Doulas-fir line present along the western boundary of the "Upland 2" area (See Figure 1). The Ditch 5 hydrology runs along the toe of this upland slope before flowing through a culvert and joining the bidirectional flow of Shanghai Creek.

Photo 14.

View across the northern tip of the "Upland 2" area. The culvert that conveys the Ditch 5 hydrology is located just below the fence post visible in right side of photo.

The first drop over 2 feet in elevation within of Shanghai Creek ("Break 1") is located within the tall shrubs in the center of photo.

Photo 15.

View of the metal corrugated culvert (top of photo) present at the northern extent of Ditch 5. The wetland hydrology present within Ditch 5 is conveyed through this culvert to Shanghai Creek.





Photo 16.

View of the channel present directly north of the corrugated culvert associated with the northern extent of Ditch 5. The convergence of the Ditch 5 hydrology (side channel) and Shanghai Creek is visible in upper right of photo.

Photo 17.

Photo of "Break 1". Drop in elevation at this location was documented by laser level survey to be over 2 feet.





Photo 18.

Photo of "Break 2". Drop in elevation at this location was measured by laser level survey to be over 1-foot.



Photo 19.

Photo of agriculture fields that flank the "Break 2" location along Shanghai Creek.



Photo 20.

Photo of soils documented at SP- 3 within agriculture fields that flank the "Break 2" location along Shanghai Creek.





Photo 21.

Photo of the agriculture fields that flank the "Break 2" location along Shanghai Creek.



Photo 22.

Photo of the agriculture fields that flank the "Break 2" location along Shanghai Creek.



Photo 23.

Photo of the agriculture fields that flank the "Break 2" location along Shanghai Creek.



Photo 24.

Photo of the agriculture fields that flank the "Break 2" location along Shanghai Creek.





Photo 25.

Photo of the agriculture fields that flank the "Break 2" location along Shanghai Creek.

Photo 26.

Photo of soils documented at SP-4 within agriculture fields that flank the "Break 2" location along Shanghai Creek.

Perform Review for ADS-2019-00319: Issued Page 2 of 2 **Forensic Audit Report** Attachment B - p1 Value Item Action Aug 28, 2019 15:12:37 - Ariel Whitacre Perform Review Assignments Ariel Whitacre Delete Lance Watt Create Sep 13, 2019 11:19:44 - Lance Watt **Perform Review** Complete Outcome Accepted with Conditions **Date Completed** Sep 13, 2019 11:19:39 Notes **Review Approval Note Unlocked** Create Proposed addition avoids wetland buffers (see attached map). The wetland is within the subwatershed for Shanghai Creek. There is a hydrologic break for the wetland at NE 83rd Street; additionally a hydrologic break was established for Shoreline for Shanghai Creek further to the north and west. The wetland is found to not be associated with Shoreline; no further wetland review required. The proposed septic addition appears to avoid the drip line of the Oregon white oak onsite. If this changes and impacts are drip line of the oak is impacted then additional habitat review may be required. Sep 30, 2019 07:18:59 - William Anderson

Perform Review

Review Complete Process ID	from:	
	to:	25106940

Wetland and Habitat Review Legend Parcel Boundary **Proposed Addition** Proposed Septic Wetlands CATEGORY Ш Unrated **Wetland Buffers** Low Intensity Buffer Habitat Areas Oregon White Oak Woodlands Taxlots

0 50 100

200 _____Feet

> Kovalenko Addition ADS-2019-00319

Drawn By: wattl Sheet X of Y 9/13/2019



BK 311 PG 971

2/4



91

2/3

BK 311 PG 981

BK 311 P645



SFR2014-00179

Address: 8102 NE 211TH AVE VAN 98682

Disposition DONE	Date 1	Date 2	Date 3 3/19/2014	Assigned Dor	one By DEB	Description Rcv App Check Completeness**	Notes
DONE			5/13/2014	R	RAG	Customer Ntfyd Plans Ready*	NTF\$\$
DONE			1/23/2015	S	SJA	Finaled **	
DONE			1/26/2015	S	SJA	Finaled **	
DONE	9/25/2014		10/3/2014	D	DLSH	Stop Work Order Issued **	Note: A stop work order has been posted for listing certified erosion control persons on both erosion control log and on permit (2-different companies) that are not associated nor have given permission to list their companies as Stoneridge certified erosion control people Corr: 0107, Corrections as follow: Corr: 0109, Upon re-inspection, failure to comply with the 1st correction notice will result in a fee of \$148.00. Failure to comply with subsequent re-inspections will result in a fee of \$296.00. Corr: 0414, Construction entrance must be a minimum of 15 feet width and 20 foot long using 2 inch minimum size clean rock. Corr: 0601, All erosion and sediment control BMP¿s must be maintained and repaired as needed to ensure continued performance of their intended function. Note: 1) Please address construction entrances and contractor parking at this project and your project to the south IMMEDIATLY to avoid fine and possible stop work order; also address any mud on pavement ~~0107~0109~0414~0601NIII
DONE				D	DLSH	Prmt Reapprovd-STATUS CHG ONLY	STOP WORK ORDER LIFTED
DONE				D	OLW	Prmt Reapprovd-STATUS CHG ONLY	Changed status to APR from SWO due to entered in error- per Jim Muir
DONE				A	ALM	Prmt Reapprovd-STATUS CHG ONLY	
DONE			3/19/2014	D	DEB	Print Application Summary	
DONE			4/17/2014	K	KWH	Print Application Summary	
DONE			5/12/2014	D	DEB	Print Application Summary	
DONE			5/20/2014	K	KWH	Print Application Summary	AN AUTOMATIC SPRINKLER SYSTEM NOT REQUIRED.
DONE			7/30/2014	Ν	MRC	Print Application Summary	
CCL	9/18/2014	9/18/2014	9/18/2014	s	SJA	Print Application Summary	Corr: Upon re-inspection, failure to comply with the 1st correction notice will result in a fee of \$148.00. Failure to comply with subsequent re-inspections will result in a fee of \$296.00. III-NIII
DONE			3/19/2014	C	DEB	Print Fees Due at Application	
DONE			5/13/2014	R	RAG	Print Fees Due at Issuance	
DONE			7/30/2014	Ν	MRC	Print Fees Due at Issuance	
DONE	3/19/2014		3/19/2014	C	DEB	Verify Tif district & Rate	
DONE			3/19/2014	C	DEB	Route to Date Bin **	TO DATE BIN
DONE	3/19/2014		5/14/2014	J	JME	Water/Well Approval Req/Rec	NEED WAVE PRIOR TO ISSUANCE - FORM GIVEN TO APPLICANT
DONE	3/19/2014		3/19/2014	C	DEB	Sewer/Septic Approval Req/Rec	5/13/14 WAVE app received. App is complete and released w/o any conditions of approval. Ref WP9682, SR19825. J. Ellingson CCPH x7251. SR0019397 - VALID FROM 2-25-2014 UNTIL 2-25-2019 - 4 BDRMS - NO OCC UNTIL FINAL INSP BY CC HEALTH DEPT

Attachment C-3

Disposition	Date 1	Date 2	Date 3	Assigned	Done By	Description	Notes
DONE	3/19/2014		4/17/2014		BDM	Verify Erosion Control Person	SLL - 9/26/14 - RECEIVED JOHN DEWITZ LETTER VIA EMAIL AND CHANGED IN SYSTEM.
							BDM 4/17/2014 - APPLICANT PROVIDED NAME OF MARSHELLE WOOD
DONE	3/19/2014		3/19/2014		DEB	Verify WUII	NEED LETTER FROM JOHN DEWITZ PRIOR TO ISSUANCE NOT IN
RTE			5/12/2014		DEB	Addn'l Documents Received	2 REVISED STORMWATER PLANS WITH CONTOUR LINES AND 50' DRAINAGE PATHS MATCHING AS REQUEST BY BRYAN - TO BDM DESK
DONE	3/19/2014		4/14/2014		DGO	Plan Exam Recv's/Reviews**	NEEDS PLAN REVIEW
DONE	3/19/2014		4/22/2014		BDM	Zoning Rec's/Reviews **	Restamp BDM 4/22/2014 - LOT CREATED BY SEG REQUEST DATED 4/15/1993 - PREDATES 1993 LRG LT ORD AND MEETS CURRENT ZONING REQ'S
							BDM 4/21/2014 - NEEDS EITHER ADD'L DEEDS OR COPY OF SEG REQUEST TO APPROVE LLD FOR THIS LOT (NEEDS SOMETHING PRIOR TO 4/19/1993) - 5AC R-5 - MEETS MIN SB'S
DONE	4/16/2014		4/17/2014				SALES HISTORY REC'D - NEEDS LEGAL LOT DETERMINATION R-5 ZN - 5 ACRES RACK TO BUILDING DI AN REVIEW
DONE	4/10/2014		4/17/2014				
DONE	3/19/2014		4/21/2014		BDW	Addressing Rec's/Reviews	GRANTS ACCESSING 30 WIDE PVT RD ESMT - AF#9303310104 GRANTS ACCESS (ALTHOUGH ENTIRELY ON SUBJECT PARCEL THEREFORE TECHNICALLY DOESN'T NEED LEGAL ACCESS) - ADDRESSED TO FIT GRID AND EXISTING - 8102 NE 211TH AVE - UPDATED SITUS
							NEEDS ADDRESS
DONE	3/19/2014		3/19/2014		DEB	Gorge Recv's/Revw's**	N/A
DONE	3/19/2014	3/19/2014	3/19/2014		DEB	Habitat Rts/ Recv's/Revw's	NONE PRESENT
DONE	3/19/2014		3/24/2014		BHD	Wetland Rts/ Recv's/Revw's**	No wetlands on site - BHD 3/24/13
							ENTIRE AREA IS MAPPED AS WETLAND PRESENCE OR MODELED WETLAND - COPY OF PLOT PLAN SUBMITTED TO BRENT FOR REVIEW ALONG WITH COPY OF LETTER FROM ECOLOGICAL LAND SERVICES FOR PROPERTY TO THE SOUTH.
DONE			5/14/2014		SLL	Permit Issued **	
DONE	3/19/2014		5/13/2014		BDM	Stormwater Review	BDM 5/13/2014 - APPLICANT'S STMWTR PLAN APPEARS TO COMPLY WITH MINIMUM DOE REQ'S FOR SPLASHBLOCKS - SEE CONDITIONS
							BDM 4/21/2014 - NEEDS STMWTR PLAN THAT MATCHES CONTOURS
DONE	3/19/2014		3/19/2014		DEB	Slopes-GeoHazards	PROPOSING RAIN DRAINS TO SPLSH BLKS WITH LESS THAN 700 SF PER SPLSH BLK AND 50' VEGETATED FLOW PER SP BLK FLAT LOT
DONF	3/19/2014		4/17/2014		BDM	Shoreline	BDM 4/17/2014 - NO WTLNDS ONSITE PER BRENT - SEE WTI ND ACTIVITY
	5, . 6, 2017				2011		
							SHORELINE IS ONLY APPLICABLE IF THERE ARE WETLANDS PRESENT - ROUTED TO BRENT