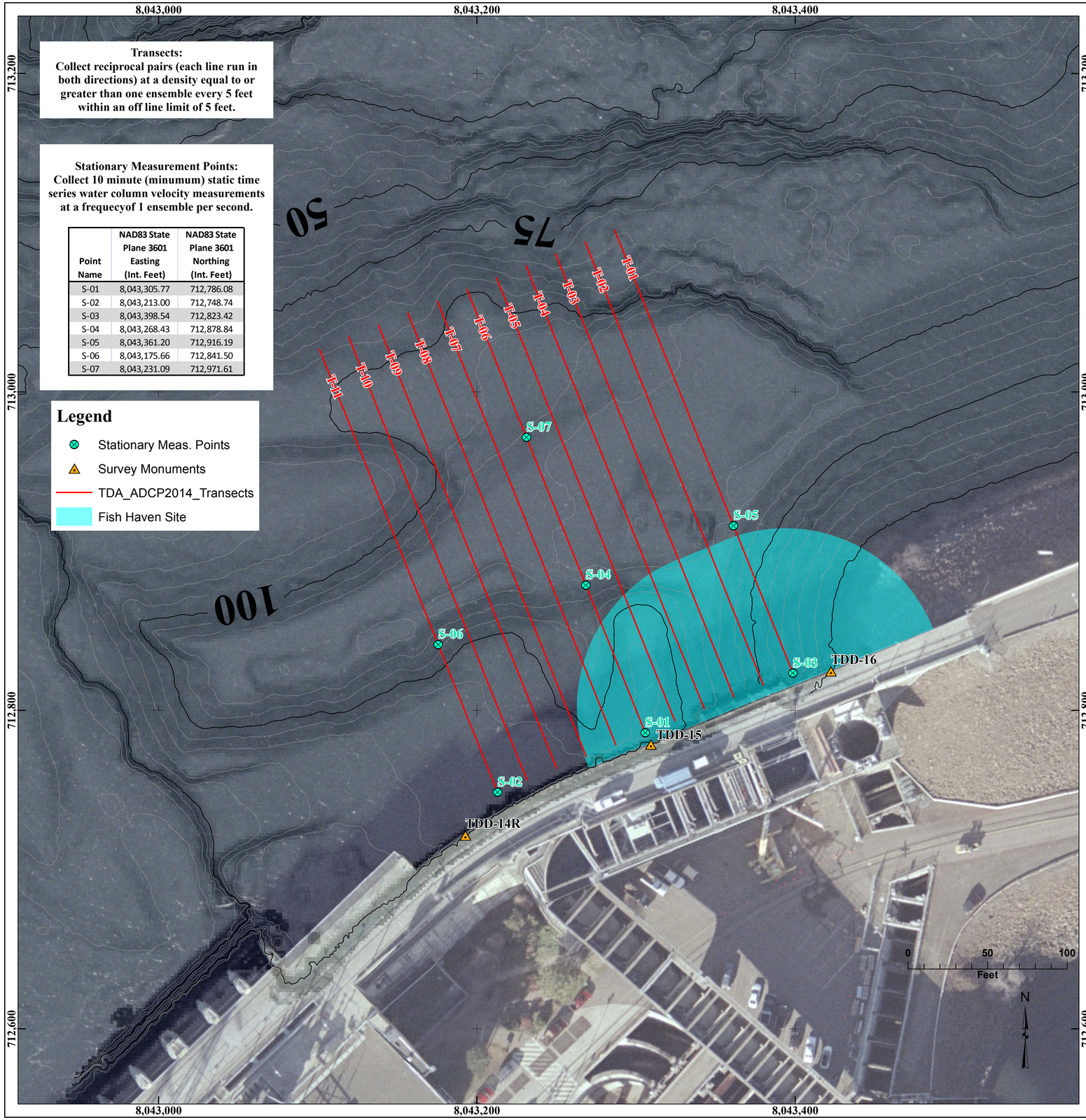
Transects:
Collect reciprocal pairs (each line run in both directions) at a density equal to or greater than one ensemble every 5 feet within an off line limit of 5 feet.

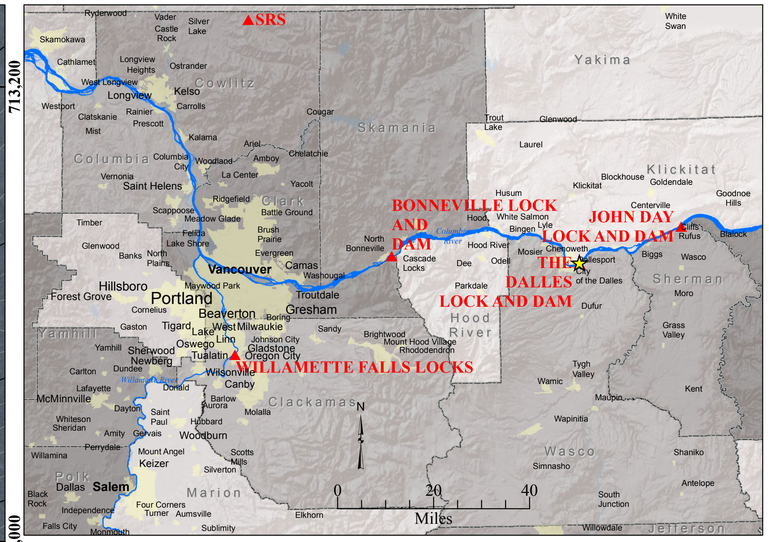
Stationary Measurement Points:
Collect 10 minute (minumum) static time series water column velocity measurements at a frequecyof 1 ensemble per second.

Point Name	NAD83 State Plane 3601 Easting (Int. Feet)	NAD83 State Plane 3601 Northing (Int. Feet)
S-01	8,043,305.77	712,786.08
S-02	8,043,213.00	712,748.74
S-03	8,043,398.54	712,823.42
S-04	8,043,268.43	712,878.84
S-05	8,043,361.20	712,916.19
S-06	8,043,175.66	712,841.50
S-07	8,043,231.09	712,971.61

Legend

- Stationary Meas. Points
- Survey Monuments
- TDA_ADCP2014_Transects
- Fish Haven Site





Project Control

Designation	Latitude (NAD83)	Longitude (NAD83)	NAD83 State Plane 3601 Easting (Int. Feet)	NAD83 State Plane 3601 Northing (Int. Feet)	NAVD88/09 Height (ft)	Project Datum Height (ft)
TDW-13	45.613047	121.132118	8040348.10	710237.70	192.08	188.81
TDD-14R	45.619919	121.121076	8043192.70	712721.60	192.14	188.74
TDD-15	45.620078	121.120622	8043309.30	712778.70	191.99	188.72
TDD-16	45.620207	121.120181	8043422.50	712824.70	191.99	188.72
TDE-1	45.620425	121.119460	8043607.70	712903.00		188.88
TDE-2	45.620498	121.119208	8043672.30	712929.20	190.89	187.62
TDE-3	45.620740	121.118380	8043884.80	713015.50	190.78	187.51
TDE-4	45.620871	121.117932	8043999.70	713062.30	191.16	187.89
TDE-5R	45.621003	121.117480	8044115.90	713109.60	191.70	188.43
TDE-6	45.621213	121.116757	8044301.40	713185.10	191.95	188.68
91-16-11	45.612061	121.131577	8040483.70	709877.30		110.28

Coordinate System: NAD83 2011 State Plane Oregon North FIPS 3601, Intl. Feet.

Vertical Datum: Contours shown referenced to The Dalles Project Datum (PD).
Elevation(NAVD88) = Elevation(PD) - 3.3'

US Army Corps of Engineers ®
Portland District

MARK	DESCRIPTION	DATE	APPR

DESIGNED BY:
DRAWN BY: G2ecojbm
CHECKED BY:
SUBMITTED BY:
PLOT SCALE: 1" = 50'
SIZE: ANSI D
PLOT DATE: 12/17/2014
FILE NAME: TDA_FY2014_ADCPPlanning
DATE: 12/17/2014
SOLICITATION NO.:
CONTRACT NO.:
DRAWING NUMBER:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
Portland, OR

The Dalles Dam, OR/WA
East Fish Ladder Auxiliary AWS
FY 2014 ADCP Velocity Measurement
PROJECT MAP

SHEET IDENTIFICATION
SHEET OF

DESIGN FILE PATH: \\Nwd\Nwp\ctds_**.mxd