

Tide Gate Inventory Categories

Work Group parameter	Potential Data Source	Notes
Information about the Tide Gate		
Tide gate location	ODFW barriers database; DLCDC dikes and levee inventory, LCREP levee and passage; DSL head of tide data & permitting database; ODFW monitoring sampling frame can help ID tidally influences waters – all estuaries and Columbia	<ul style="list-style-type: none"> • Data will come from publicly available sources • Information will be included on public side of database • Tide gates will not be identified by landowner name, but will be mapped <p>Inventory will also:</p> <ul style="list-style-type: none"> • Identify gaps in coverage • Identify options for filling gaps (some could be done through remote sensing) • Include qualifiers: 1) confirmed, 2) inferred <p><i>Question for work group: any concerns/feedback about location information?</i></p> <p><i>Question for work group: Is the inventory intended to only include the tidal zone?</i></p> <p><i>Question for work group: Are there other local inventories that exist (we know of Tillamook Bay, Coquille, Nehalem, St Helens, work currently happening with Coos)? How should we engage “owners” of local inventories to bring them into the process?</i></p>
Tide gate ownership (fed, state, county, city, drainage dist., private)	ODFW barriers database & other	<ul style="list-style-type: none"> • Data will come from a combination of publicly available sources and local knowledge • Information will be on public side of database • Will not include landowner name or other identifier – just the type of ownership <p><i>Question for work group: What should category names be?</i></p> <p><i>Question for work group: If owners wanted to be identified, should the database capture that information? If so, would it be on ‘private’ side of database?</i></p>

Type of tide gate	Partially available from ODFW and local inventories	<ul style="list-style-type: none"> Information would come from either publicly available data or local/landowner information. Would benefit from developing a standardized list – could pull types from the older Souder study <p><i>Question for work group: Should type of tide gate be included where it is already publicly available? If so, should it be on public or private side of database? If included, what should standard types be?</i></p>
Size of tide gate	<ul style="list-style-type: none"> Partially available from ODFW and local inventories. Size would need field survey Acreage behind could use contributing area and peak flow data 	<ul style="list-style-type: none"> Data would come from limited publicly available data and local knowledge <p><i>Question for work group: Should size be categorized into small, medium, large? If so, what should be the size ranges for each category?</i></p> <p><i>Question for work group: Should this be on the publicly available or private side of database?</i></p>
Condition of tide gate	<ul style="list-style-type: none"> Partially available from ODFW and local inventories Landowners can request condition survey if one hasn't been completed 	<ul style="list-style-type: none"> Will need standardization of condition types With caveat below, it is assumed information would not be publicly available from database <p><i>Question for work group: Should condition data be included where it is already publicly available?</i></p>
Information about the land around the tide gate		
Ownership above and below the tide gate	Land ownership data layers	<ul style="list-style-type: none"> Data will come from publicly available sources Information will be on public side of database Inventory will include generic type of ownership (public/private and type of public – BLM, USFS, state, county, etc.)
Acreage behind the tide gate	TBD, but expect that it can be calculated, once the scope is defined	<ul style="list-style-type: none"> When further defined, data will come from publicly available sources Information will be on public side of database <p><i>Question for work group: what type of information is most helpful here? Number of acres specifically protected by tide gate? All acreage</i></p>

		<i>above the tide gate? Area below known tidal elevations? Area of most common land use above the tide gate?</i>
Type of land protected by tide gate	<ul style="list-style-type: none"> Land use data layers 	<ul style="list-style-type: none"> Data will come from publicly available databases Information will be on public side of database
Improvements (infrastructure, etc.) protected by the tide gate	Available through DOGAMI, Dundas, and land use data; Sea level rise exposure inventory fellowship report. Identified items at risk. Publicly available and published on explorer.	<ul style="list-style-type: none"> Data will come from publicly available databases Information will be on public side of database
Critical elevations?	Potential to use NOAA sea-level rise data	<ul style="list-style-type: none"> Data would come from publicly available sources Information would be available on public side of database <p><i>Question for work group: What question are we trying to answer with critical elevation data? Would elevation bands be acceptable? For example, in 5-foot increments.</i></p>
What type of drainage is occurring (river system, drainage ditch)?	Could be inferred from NHD and modeled from LiDAR	<ul style="list-style-type: none"> Data would come from publicly available sources Information would be available on public side of database
Historical habitat value	ODFW fish and habitat distribution data	<ul style="list-style-type: none"> Data would come from publicly available sources Information would be available on public side of database
Freshwater/Saltwater	Estimates in recent DLCD/Laura Brody study	<ul style="list-style-type: none"> Data would come from publicly available sources Information would be available on public side of database <p><i>Question for work group: Are estimates ok?</i></p>
Is the tide gate part of a complex?		<ul style="list-style-type: none"> Data would come from publicly available sources Information would be available on public side of database

Overarching Questions relative to inventory design:

- Who might need access to the database and want to interact with it?
- What do we want/need it to look like?
- Are there important dates or deadlines and specific milestones for the inventory work?