Identification\_Information:

 Citation:

 Citation\_Information:

 Originator:

 eTrac, A Woolpert Company,

 Lead Processor Cody R. Gibson

 Publication Date: 2022

 Title:

 Multibeam mapping of the Swan Island Basin, Portland, Oregon

 Online\_Linkage:

 none

 Description:

 Abstract:

 Multibeam bathymetry data generated from

 the 2022 multibeam sonar survey of the Swan Island Basin.

 This is metadata for the Swan Island Basin multibeam bathymetry data.

 Purpose:

 This dataset is intended for pre-design purposes in support of the

 Portland Superfund site, Swan Island Basin.

 The dataset can be used with geographic information systems (GIS)

 or other software to display bathymetry data of the Swan Island Basin.

 Supplemental\_Information:

 none

 Time\_Period\_of\_Content:

 Time\_Period\_Information:

 Range\_of\_Dates/Times:

 Beginning\_Date: 20220404

 Ending\_Date: 20220405

 Currentness\_Reference: Channel bathymetry

Status:

 Progress: Complete

 Maintenance\_and\_Update\_Frequency: As needed

 Spatial\_Domain:

 Bounding\_Coordinates:

 West\_Bounding\_Coordinate: -122.45528261

 East\_Bounding\_Coordinate: -122.42957920

 North\_Bounding\_Coordinate: 45.57334195

 South\_Bounding\_Coordinate: 45.32559494

 Keywords:

 Theme:

 Theme\_Keyword\_Thesaurus: None

 Theme\_Keyword: Multibeam

 Theme\_Keyword: Bathymetry

 Theme\_Keyword: Water Depth

 Theme\_Keyword: Channel topography

 Theme\_Keyword: Basin

 Place:

 Place\_Keyword\_Thesaurus: None

 Place\_Keyword: Portland

 Place\_Keyword: OR

 Place\_Keyword: Swan Island Basin

 Place\_Keyword: USA

 Access\_Constraints:None

 Use\_Constraints:

 This dataset is not intended for navigational purposes.

 The dataset and information are provided

 with the understanding that they are not guaranteed

 to be usable, timely, accurate, or complete.

 Users are cautioned to consider carefully

 the provisional nature of these data and information

 before using them for decisions that concern personal or

 public safety or the conduct of business that involves

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 would not infringe on privately owned rights.

 Point\_of\_Contact:

 Contact\_Information:

 Contact\_Person\_Primary:

 Contact\_Person: Adam L. Taylor

 Contact\_Organization:

 eTrac, A Woolpert Company

 Contact\_Position: Project Manager

 Contact\_Address:

 Address\_Type: mailing and physical address

 Address: eTrac, 2501 SE Mile Hill Dr., Ste. 221

 City: Port Orchard

 State\_or\_Province: WA

 Postal\_Code: 98366

 Country: USA

 Contact\_Voice\_Telephone: (907) 521-3370

 Contact\_Electronic\_Mail\_Address: adam.taylor@woolpert.com

Data\_Quality\_Information:

 Attribute\_Accuracy:

 Attribute\_Accuracy\_Report: Not applicable for raster data.

 Logical\_Consistency\_Report: Unspecified

 Completeness\_Report: Complete

 Positional\_Accuracy:

 Horizontal\_Positional\_Accuracy:

 Horizontal\_Positional\_Accuracy\_Report: 0.1 foot

 Vertical\_Positional\_Accuracy

 Vertical\_Positional\_Accuracy\_Report: 0.1 foot

 Lineage:

 Process\_Step:

 Process\_Description:

 The bathymetry dataset was collected along a depth dependent

 Swath using an R2Sonic 2024 multibeam sonar system. The data

 is cleaned of bad navigation and depth readings. The depth

 readings are gridded into a common grid.

 Process\_Date: 20220415

 Process\_Contact:

 Contact\_Information:

 Contact\_Person\_Primary:

 Contact\_Person: Cody R. Gibson

 Contact\_Organization:

 eTrac, A Woolpert Company

 Contact\_Position: Lead Processor

 Contact\_Address:

 Address\_Type: mailing and physical address

 Address: eTrac, 2501 SE Mile Hill Dr. Ste. 221

 City: Port Orchard

 State\_or\_Province: WA

 Postal\_Code: 98366

 Country: USA

 Contact\_Voice\_Telephone: (719) 352-5821

 Contact\_Electronic\_Mail\_Address: cody.gibson@woolpert.com

Spatial\_Data\_Organization\_Information:

 Direct\_Spatial\_Reference\_Method: Raster

 Raster\_Object\_Information:

 Raster\_Object\_Type: Grid Cell

 Row\_Count: 1463

 Column\_Count: 1224

Spatial\_Reference\_Information:

 Horizontal\_Coordinate\_System\_Definition:

 Planar:

 Grid\_Coordinate\_System:

 Grid\_Coordinate\_System\_Name: Oregon North State Plane Intl Ft (EPSG: 102726)

 Scale\_Factor\_at\_Central\_Meridian: 0.9996

 Longitude\_of\_Central\_Meridian: -120 30 0.000

 Latitude\_of\_Projection\_Origin: 41 45 0.000

 False\_Easting: 1,312,335.958 Feet

 False\_Northing: 0.00000 Meters

 Geodetic\_Model:

 Horizontal\_Datum\_Name: WGS84

 Ellipsoid\_Name: WGS84

 Semi-major\_Axis: 6378137.00 meters

 Denominator\_of\_Flattening\_Ratio: 0.003352811

Distribution\_Information:

 Distributor:

 Contact\_Information:

 Contact\_Organization\_Primary:

 Contact\_Organization:

 eTrac, A Woolpert Company

 Contact\_Address:

 Address\_Type: mailing and physical address

 Address: 2501 SE Mile Hill Dr. Ste. 221

 City: Port Orchard

 State\_or\_Province: WA

 Postal\_Code: 98366

 Country: USA

Distribution\_Liability:

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 Standard\_Order\_Process:

 Digital\_Form:

 Digital\_Transfer\_Information:

 Format\_Name: XYZ

 Format\_Version\_Number: none

 Transfer\_Size: 408.5 megabytes

 Digital\_Transfer\_Option:

 Online\_Option:

 Computer\_Contact\_Information:

 Network\_Address:

 Network\_Resource\_Name:

 none

 Fees: None

Metadata\_Reference\_Information:

 Metadata\_Date: 20220429

 Metadata\_Contact:

 Contact\_Information:

 Contact\_Person\_Primary:

 Contact\_Person: Cody R. Gibson

 Contact\_Organization:

 eTrac, A Woolpert Company

 Contact\_Position: Lead Processor

 Contact\_Address:

 Address\_Type: mailing and physical address

 Address: 2501 SE Mile Hill Dr. Ste. 221

 City: Port Orchard

 State\_or\_Province: WA

 Postal\_Code: 98366

 Country: USA

 Contact\_Voice\_Telephone: (719) 352-5821

 Contact\_Electronic\_Mail\_Address: cody.gibson@woolpert.com

 Metadata\_Standard\_Name:

 Content Standard for Digital Geospatial Metadata

 ("CSDGM version 2")

 Metadata\_Standard\_Version: FGDC-STD-001-1998

 Metadata\_Time\_Convention: universal time