

Ontario Benthos Biomonitoring Network (OBBN)

Field Descriptions

OBBN_Locations (Spatial)

Source Field Name	Label	Description
OBJECTID		Object ID
Shape		
WE_USER_ID	User Identification	
WE_TIMESTAMP	Date and Time of Edit	
NAME	Site Code or Name	
GROUP_ID_TXT	Group Identification Code	
GROUP_ID_CALC		Used for join
POINT_X	Longitude	
POINT_Y	Latitude	

Group_Information

Source Field Name	Label	Description
OBJECTID		Object ID
GROUP_DESCRIPTION	Organization Description	
CREATED_BY	Created By	
GROUP_TYPE	Organization Type	
GROUP_ID_CALC		Used for join

Site_Information

Source Field Name	Label	Description
OBJECTID		Object ID
SITE_DESCRIPTION	Site Description	
WATERBODY_TYPE	Waterbody Type	
SITE_ACCESS	Site Access	
DIRECTIONS_TO_SITE	Directions to Site	
SITE_CODE_ID_CALC		Used for join
GROUP_ID_CALC		Used for join

Site_Visit

Source Field Name	Label	Description
OBJECTID		Object ID
SITE_VISIT_DESC	Site Visit Description	
SITE_VISIT_DATE	Site Visit Date	
SAMPLING_CREW_LEADER	Sampling Crew Leader	

SAMPLING_CREW	Sampling Crew	
SEASON	Season	
SITE_REMARKS	Site Remarks	
CANDIDATE_REF_SITE	Candidate Reference Site	
CANDIDATE_REF_SITE_REM ARK	Candidate Reference Site Remarks	
GENERAL_COMMENTS	General Comments	
SITE_VISIT_ID_CALC		Used for join
SITE_CODE_ID_CALC		Used for join
WATERBODY_NAME	Water Body Name	
SAMPLING_AGENCY	Sampling Agency	
SAMPLING_TIME_PERIOD	Sampling Time	

Site_Coordinate

Source Field Name	Label	Description
OBJECTID		Object ID
SITE_ID_CALC		Used for join
LATITUDE	NAD83 Latitude (Decimal Degrees)	
LONGITUDE	NAD83 Longitude (Decimal Degrees)	
EASTING	UTM NAD83 Easting	
NORTHING	UTM NAD83 Northing	
UTM_ZONE	UTM Zone	
ELEVATION	GPS Elevation	
GPS_DOP	GPS Degree of Precision	
GPS_BRAND	GPS Brand	
GPS_MODEL	GPS Model	
GPS_COMMENT	GPS Comment	

Samples

Source Field Name	Label	Description
OBJECTID		Object ID
REMARKS	Remarks	
SAMPLE_ID_TXT	Sample Number	
SAMPLE_ID_CALC		Used for join
SITE_VISIT_ID_CALC		Used for join

FS_Lake (Field Sheet for Lakes)

Source Field Name	Label	Description
OBJECTID		Object ID
COLLECTION_METHOD	Collection Method	
GEAR_TYPE	Gear Type	
MESH_SIZE	Mesh Size	
SAMPLING_DIST	Sampling Distance (m)	
MAX_DEPTH	Max Depth (m)	

LAKE_PERIMETER	Lake Perimeter (km)	
LAKE_VOLUME	Lake Volume (m ³)	
LAKE_FETCH	Lake Fetch (m)	
LAKE_SURFACE_AREA	Lake Surface Area (m ²)	
LAKE_ORDER	Lake Order	
SAMPLE_ID_CALC		Used for join
LAKE_REP_ID_CALC		Used for join
RIPARIAN_01M	Riparian 01m	
RIPARIAN_10M	Riparian 10m	
RIPARIAN_30M	Riparian 30m	

FS_Stream (Field Sheet for Streams)

Source Field Name	Label	Description
OBJECTID		Object ID
RIFFLE_OR_POOL	Riffle or Pool	
BENTHOS_COLLECTION_METHOD	Benthos Collection Method	
GEAR_TYPE	Gear Type	
MESH_SIZE	Mesh Size	
SAMPLING_DISTANCE	Sampling Distance (m)	
MAX_DEPTH	Max Depth (m)	
WETTED_WIDTH	Wetted Width (m)	
MAX_HYDRAULIC_HEAD	Max Hydraulic Head (mm)	
NUM_GRABS_POOLED	Number of Grabs Pooled	
BANK_FULL_WIDTH	Bank Full Width (m)	
RIVER_CHAR	River Permanence	
SAMPLE_ID_CALC		Used for join
STREAM_REP_ID_CALC		Used for join
RIPAR_LEFT_BANK_01M	Riparian Left Bank 01m	
RIPAR_LEFT_BANK_10M	Riparian Left Bank 10m	
RIPAR_LEFT_BANK_30M	Riparian Left Bank 30m	
RIPAR_RIGHT_BANK_01M	Riparian Right Bank 01m	
RIPAR_RIGHT_BANK_10M	Riparian Right Bank 10m	
RIPAR_RIGHT_BANK_30M	Riparian Right Bank 30m	
CANOPY_COVER_PCT	Canopy Cover Percent	
CANOPY_COVER_INST	Canopy Cover Instrument	

FS_Wetland (Field Sheet for Wetlands)

Source Field Name	Label	Description
OBJECTID		Object ID
COLLECTION_METHOD	Collection Method	
GEAR_TYPE	Gear Type	
MESH_SIZE	Mesh Size	
SAMPLING_DISTANCE	Sampling Distance (m)	
MAX_DEPTH	Max Depth (m)	
POOLED	Number of Samples Pooled	
WETLAND_DESCRIPTION	Wetland Type	

PHYSIOGRAPHIC_LOC	Physiographic Location	
PRESENCE_STANDING_H2O	Wetland Permanence	
WETLAND_SURFACE_AREA	Wetland Surface Area (m ²)	
WETLAND_PERIMETER	Wetland Perimeter (m)	
SAMPLE_ID_CALC		Used for join
WETLAND_REP_ID_CALC		Used for join
RIPARIAN_01M	Riparian 01m	
RIPARIAN_10M	Riparian 10m	
RIPARIAN_30M	Riparian 30m	

Sample_Coordinate

Source Field Name	Label	Description
OBJECTID		Object ID
SAMPLE_ID_CALC		Used for join
LATITUDE	NAD83 Latitude (decimal degrees)	
LONGITUDE	NAD83 Longitude (decimal degrees)	
EASTING	UTM NAD83 Easting	
NORTHING	UTM NAD83 Northing	
UTM_ZONE	UTM Zone	
ELEVATION	GPS Elevation	
GPS_DOP	GPS Degree of Precision	
GPS_BRAND	GPS Brand	
GPS_MODEL	GPS Model	
GPS_COMMENT	GPS Comment	

Habitat_Variables

Source Field Name	Label	Description
OBJECTID		Object ID
HABITAT_VARIABLE	Habitat Variable	
HAB_VARIABLE_UNIT	Units	
HAB_VARIABLE_VALUE	Observed Value (Numeric)	
HAB_VARIABLE_TEXT	Observed Value (Text)	
HAB_VARIABLE_REMARK	Comment	
SAMPLE_ID_CALC		Used for join

Chemistry_Variables

Source Field Name	Label	Description
OBJECTID		Object ID
CHEM_VARIABLE	Chemistry Variable	
CHEM_VARIABLE_VALUE	Observed Value (Numeric)	
CHEM_VARIABLE_TEXT	Observed Value (Text)	
CHEM_VARIABLE_REMARK	Comments	
SAMPLE_ID_CALC		Used for join

Photos

Source Field Name	Label	Description
OBJECTID		Object ID
IMAGE_TYPE	Image Subject	
IMAGE_PATH	Image Path	
IMAGE_DESCRIPTION	Image Description	
SAMPLE_ID_CALC		Used for join

Substrate

Source Field Name	Label	Description
OBJECTID		Object ID
SUBSTRATE_DOMINANT	Substrate – Dominant	
SUBSTRATE_DOMINANT_2ND	Substrate – 2 nd Dominant	
OM_COV_WOODY	Organic Matter Areal Coverage – Woody Debris	
OM_COV_DETRITIS	Organic Matter Areal Coverage – Detritus	
MACRO_EMERGENT	Macrophytes – Emergent	
MACRO_ROOTED	Macrophytes – Rooted Floating	
MACRO_SUBMERGENT	Macrophytes – Submergent	
MACRO_FREE_FLOATING	Macrophytes – Free Floating	
ALGAE_FLOATING	Algae – Floating	
ALGAE_FILAMENTS	Algae – Filaments	
ALGAE_ATTACHED	Algae – Attached	
ALGAE_SLIMES	Algae – Slimes or Crusts	
SAMPLE_ID_CALC		Used for join

Pebble_Count

Source Field Name	Label	Description
OBJECTID		Object ID
PEBBLE_1	Particle 1	
PEBBLE_2	Particle 2	
PEBBLE_3	Particle 3	
PEBBLE_4	Particle 4	
PEBBLE_5	Particle 5	
PEBBLE_6	Particle 6	
PEBBLE_7	Particle 7	
PEBBLE_8	Particle 8	
PEBBLE_9	Particle 9	
PEBBLE_10	Particle 10	
SAMPLE_ID_CALC		Used for join

Benthic_Subsampling

Source Field Name	Label	Description
OBJECTID		Object ID
SAMPLING_METHOD	Random Searching Method	
SAMPLING_METHOD_NOTE	Weight or Volume Unit	
TOTAL_SAMPLE	Sampling Weight or Volume	
SUBSAMPLE	Percent of Sample Processed	
SUBSAMPLE_CALC		Used for join
SAMPLE_REP_ID_CALC		Used for join

Benthic_Organisms

Source Field Name	Label	Description
OBJECTID		Object ID
TAXONOMY_NAME	Taxonomic Name	
TAXON_COUNT	Count	
SUBSAMPLE_CALC		Used for join