

Summary Report to BPA of the StreamNet review of Fish Data Projects' Work Statement Elements and recommended assignment of Data Repository IDs from the Monitoring Methods list of Environmental Information Repositories

January 31, 2014

StreamNet has attempted to identify specific secure data repositories utilizing the information that its compilers gathered last year into a spreadsheet derived from the Fish Data Projects spreadsheet sent to PSMFC on December 13, 2013. This spreadsheet contains six columns containing proposed data repository IDs from the Monitoring Methods list of Environmental Information Repositories. In addition, it contains a field to indicate internal agency data repositories that are not included in the Monitoring Methods list, a field that states the current status for each of the 1,275 WSEIDs in the review, and a field that sorts the information so that the proposed updates are at the top of the spreadsheet. Five StreamNet compilers assisted in the final review of this product.

The attached spreadsheet is sorted first by the field Sort4Tuan, then by ProjectNumber and WSEID. The 530 records beginning with "10 Proposed MMID" each contain up to 7 proposed DataRepositoryIDs (WSEID 70512 has a 7th MMID 1164 noted in the field named "Non_MM_Repository"). The remaining records begin with a general description of their status, summarized in Table 1.

Sort4Tuan	WSEIDs
10 Proposed MMID	530
20 internal non-MM repository	94
20 no fish metrics	114
20 no repository	13
20 no repository identified	15
30 declined to participate	81
30 no response	17
40 CRITFC to review	404
50 data not yet collected	2
50 database under development	2
50 metric - WSETitle mismatch	1
50 project not in original rev	2

Table 2 tallies the number of reviewed WSEIDs where StreamNet proposes linkage to one or more Data Repositories.

Number of Proposed Repositories per WSEID	WSEIDs	Number that also include a Non-MM Repository
WSEIDs with 1 Proposed Monitoring Methods Repository	220	7
WSEIDs with 2 Proposed Monitoring Methods Repositories	170	1
WSEIDs with 3 Proposed Monitoring Methods Repositories	100	1
WSEIDs with 4 Proposed Monitoring Methods Repositories	21	0
WSEIDs with 5 Proposed Monitoring Methods Repositories	5	0
WSEIDs with 6 Proposed Monitoring Methods Repositories	13	0
WSEIDs with 7 Proposed Monitoring Methods Repositories	1	0
WSEIDs with no Proposed Monitoring Methods Repository	94	94

Table 3 tallies the number of WSEIDs coded with one of 31 values in the Status_Jan2014 column of the spreadsheet.

Table 3. Status of all 1,275 WSEIDs	
Status January, 2014	WSEIDs
IDFG reviewed - Proposed repository	196
IDFG reviewed - no fish metrics	63
IDFG & WDFW reviewed - Proposed repository	16
IDFG reviewed - No repository indicated	12
IDFG reviewed - Data not yet collected	2
IDFG reviewed - Metric does not jive with WSET	1
MFWP reviewed - Proposed repository	17
MFWP received no response	10
MFWP reviewed - no fish metrics	6
MFWP reviewed - Derived data available in final report	4
ODFW reviewed - Proposed repository	121
ODFW reviewed - no fish metrics	9
ODFW reviewed - Internal ODFW repository	2
ODFW reviewed - Internal OSU repository	2
ODFW reviewed - No repository indicated	1
PSMFC reviewed - Proposed repository	63
PSMFC received no response	7
PSMFC reviewed - no fish metrics	5
PSMFC reviewed - Internal CDFO repository	2
USFWS attempted review - Abernathy declined to participate	18
USFWS reviewed - Proposed repository	13
WDFW reviewed - Proposed repository	83
WDFW reviewed - Internal WDFW repository	71
WDFW received no information from tribe	62
WDFW reviewed - no fish metrics	48
WDFW reviewed - Internal NWFSR repository	17
WDFW reviewed - No repository indicated	15
WDFW received no response	2
WDFW reviewed - solely a CTUIR function	1
Project not in original list - not reviewed	2
CRITFC to review	404

Since many of the Contract Numbers, WSEIDs and the leading letters in the WSETitles of the December 13 spreadsheet did not match the information that StreamNet originally reviewed, a visual comparison was performed with the descriptive part of the WSETitles for each project to retrieve the information from our initial review; the records in the attached spreadsheet carry the Contract Numbers, WSEIDs and the WSETitles that were in the December 13 spreadsheet. Note that some of our original reviews were done at the Subcategory or Specific Metric Title level, so that detailed information was aggregated for each Work Statement Element Title in this product.

Table 4. Summary of the number of WSEIDs associated with 47 Monitoring Methods Repositories

Data Repository ID	Title	# of WSEIDs
49	Avian Predation Project	4
50	BPA Fish and Wildlife publication page	167
53	Columbia Basin Baseline Water Quality	8
55	CRITFC Technical Reports and Research Website	2
58	DART - Data Access in Real Time	3
59	Data Basin	2
63	Fish Passage Center	26
64	Genetic Analysis of Pacific Salmonids (GAPS)	6
68	Idaho Fish and Wildlife Information System	69
69	IDFG Fisheries Technical Reports	89
73	PNAMP Monitoring Methods Website	3
77	Northern Pikeminnow Sport Reward Fishery Program Website	4
78	NONE - No data repository or not electronically available	124
79	Nez Perce Tribe Fisheries Resources Management Website	1
82	Stevan Phelps Allele Nomenclature (SPAN), NWFSC Oracle Collaboration Suite	1
84	NOAA Ocean Indicators Tool	4
91	PTAGIS Website	117
93	Lower Columbia River Estuary Partnership website	15
94	RMIS - Regional Mark Information System	51
95	WDFW Salmonid Stock Inventory (SaSI) & SalmonScape	9
97	SATURN - CMOP Science and Technology University Research Network	1
99	ISEMP - Integrated Status and Effectiveness Monitoring Program	11
100	StreamNet Data Store	85
105	USGS National Water Information System (NWIS) database	2
115	ODFW Hatchery Management Information System database	5
116	StreamNet Library	4
117	StreamNet Database	103
118	MFISH - Montana Fisheries Information System	2
120	Columbia Basin Water Transactions Program	20
123	Middle Fork (John Day) Intensively Monitored Watershed Reports	3
124	NOAA Salmon Population Summary (SPS) Database	13
125	ODFW Salmon and Steelhead Recovery Tracker	2
126	ODFW's Data Clearinghouse	92
128	CHaMPmonitoring.org	20
1138	Walla Walla Basin Watershed Council Website for Environmental Data	4
1144	Bird Research Northwest Data Portal	4
1148	Spawning Ground Survey Database (SGS)	4
1151	Hatchery Reform Science Program	4
1152	Upper Columbia Salmon Recovery Board Database	6
1153	FishBooks	7
1159	ODFW Fish Health Database	13
1161	ODFW Sturgeon Database	1
1162	UCM&E Database (Local Wenatchee Field Office Server)	12
1163	WDFW Genetics Unit Database	7
1164	WDFW Scales Unit Database	6
1170	STORET	16
1172	FIS – Fisheries Information System (Montana)	15
1173	QCI Network Database	11

Table 5 tallies the number of WSEIDs reported to be only on internal agency servers that are not in the Monitoring Methods list of Environmental Information Repositories.

Table 5. Summary of 94 WSEIDs only on internal agency Non-Monitoring Methods Repository		
Non-MM Repository	WSEIDs	Proposed Data Repository ID #1
CDFO - Oceanographic data on network server at Pacific Biological Station, Nanaimo, B.C.	1	78
CDFO - Zooplankton data on network server at Institute of Ocean Sciences, Sidney, B.C.	1	78
NOAA Northwest Fisheries Science Center, Seattle	17	78
ODFW virtual servers at Headquarters	2	78
OSU online network	2	78
WDFW - internal agency server	65	78
WDFW - Region 5 TWS agency server	3	78
WDFW - spreadsheets on agency server in local office	2	78
WDFW - statewide JMX agency server	1	78