



NEZ PERCE TRIBE:

Progress Update

2020 Tribal Data Workshop

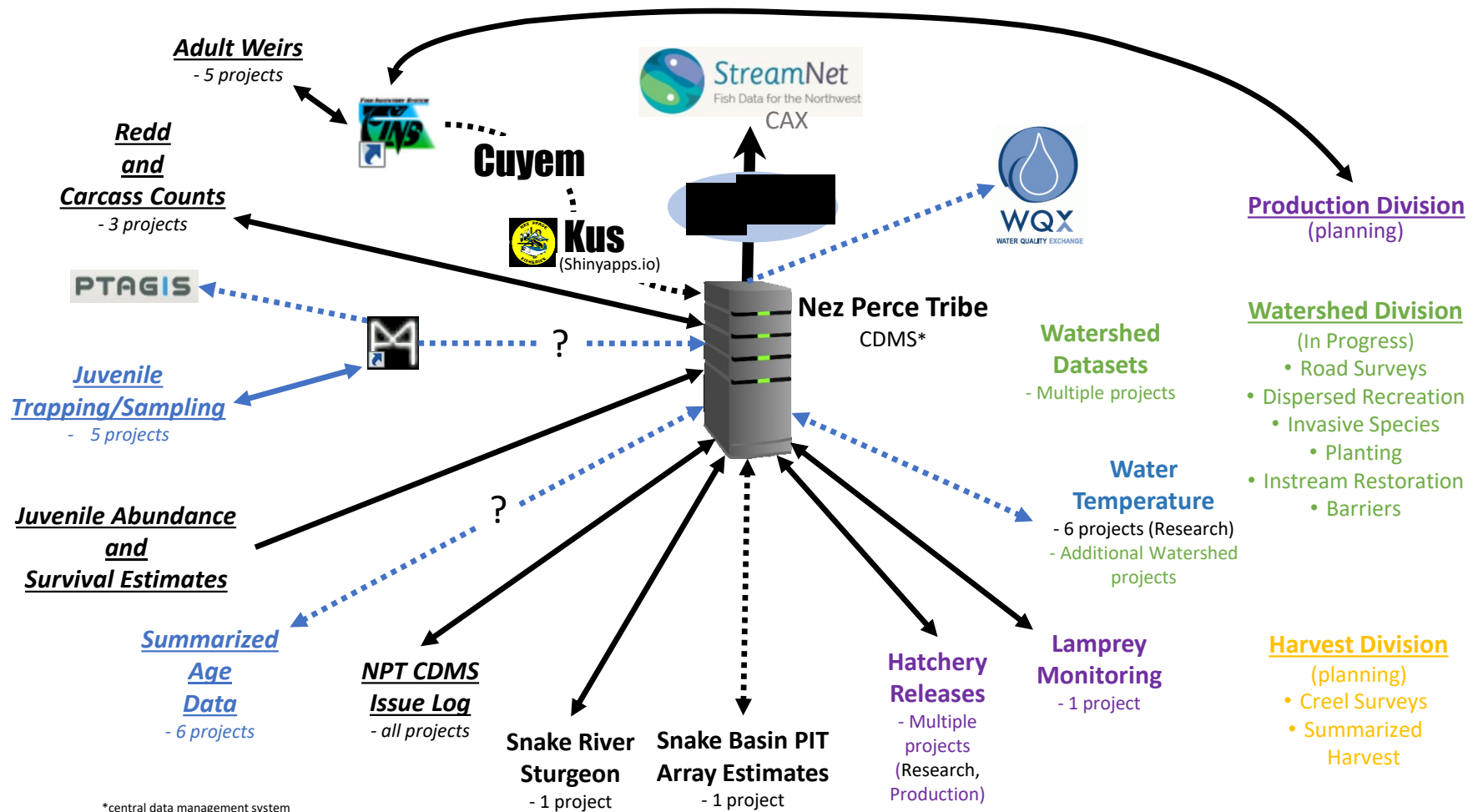
Clark Watry

April 15 – 16, 2020

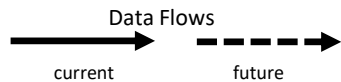
NPT DFRM Data Flow Timeline



Research Division



*central data management system



Legend

Estimated Date of Data Upload to Regional Repositories

■ Uploaded now ■ 1 to 2 years ■ In 3 to 5 years



Kus
(Shinyapps.io)

Data Summaries

- **SGS/Juvenile/Age Datasets:**
 - Data summaries and visualizations accessible via a public-facing website using current data in CDMS.
 - Completed R code updates in 2019 to enhance site performance and the user experience


Restricted Data Access

- **CDMS Datasets:**
 - Improved functionality to provide internal access to all data in CDMS, not restricted by project. (Removed the need for SSRS.)
- **Custom Queries:**
 - Provides a desired data view requested by Biologists and provided at the click of a button by the Data Management Team. Custom queries are developed as requested.
- **Reports:**
 - Under development. Providing PDF report templates using R Markdown to satisfy reporting needs and requirements.

2019 Accomplishments (continued)



StreamNet

- Developed Qilex database to support metadata for CAX 
- Generated result sets for Juvenile Outmigrants and NOSA
- Submitted high-level indicator data for Juvenile Outmigrants and NOSA to CAX

Network Infrastructure

- Completed migration to IT virtual network
 - IT assuming responsibility of managing and maintaining network infrastructure
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- Survey123
 - Developed and tested spawning ground survey forms
 - Purchased tablets to implement e-data capture for all SGS projects in 2020

Goals for 2020



StreamNet

- Complete submittal of remaining high-level indicators (RperS and SARs) to CAX

CDMS/Kus

- Demonstrate utility of CDMS to users beyond Research Division
- Create spatial database engine for full GIS functionality
- Continue developing products for automated reporting from Kus (summaries and annual reports)
- Create data summaries and visualizations for other datasets

Survey123

- Implement and support use of Survey123 forms for SGS
 - Explore other data collection activities for use of Survey123

• Network Infrastructure

- Upgrade server systems at satellite offices

Ideas for 2020 and Beyond



P4 Workflows

- need assistance to streamline workflows from individual versions of P4

User Levels

- create additional organizational structure to better manage CDMS
- Admin (all subprograms), Developer (subprogram-specific)

Dataset Creator UI

- would greatly improve our ability to expand to user groups outside of Research Division

Metadata Micro-service Connector

- greatly improve our ability to share data and provide associated metadata for proper data attribution
- facilitate a public-facing CDMS
- complete with End-User License Agreement (EULA) for access and Data sharing agreement w/ data attribution appended to all data exports

Universal Connector Services

- establish an api connection to the EPA WQX Exchange Network node (similar to StreamNet)
- Develop other connector services to support pulling data from other repositories (FINS, RMIS, PTAGIS, others?)

Primary Roles

- **CRITFC Helpdesk**
 - continue Helpdesk support for CDMS
- **CDMS Development**
 - continue to develop and update CDMS features
 - Quality-of-life/performance improvements
 - New/improved functionality
 - create new connector services

Secondary Role

- **Coordination**
 - continue coordination among member tribes
 - organize discussions and workshops
 - Identify shared objectives and mutual benefits
 - Promote network of support
 - contract administration and requisite reporting

Questions?



ENTERING
NEZ PERCE
INDIAN RESERVATION

