



STATE OF NEW YORK CONSERVATION FUND ADVISORY BOARD
625 Broadway, Albany, NY 12233-4750
Monthly Meeting Minutes

Three Hundred Eighty Sixth Meeting – March 11, 2019
Department of Environmental Conservation, 625 Broadway, Albany

Call to Order – The meeting was called to order at 9:06 AM.

Meeting Adjourned – The meeting was adjourned at 1:30 PM.

Roll Call: 9:06am

Voting Board Members Present

Tim Huss	Region 1
Vacant	Region 3
Tom Williams	Region 4
Jason Kemper	Region 5
Marc Osypian	Region 8
Dale Dunkelberger	Region 9
Bill Conners	FWMB

Voting Board Members Excused

Gordon Whiting	Region 2
Dave Corr	Region 6
Charles Pace	Region 7
Raymond Merlotto	NYSCC

Voting Board Members Absent

Abbreviations

Ag. & Mkts = Department of Agriculture and Markets
CFAB or the Board = Conservation Fund Advisory Board
DEC or the Department = NYS Department of Environmental Conservation
DFW = Division of Fish and Wildlife
DLE = Division of Law Enforcement

Ex-Officio Members Present

DEC Commissioner represented by:
Ken Lynch, Executive Deputy Commissioner
Judy Drabicki, Deputy Commissioner of Natural Resources

Ex-Officio Members Absent *Senate Finance Committee Senate EnCon Committee Assembly Ways and Means Committee Assembly EnCon Committee*

DEC Personnel

Division of Fish and Wildlife: Anthony Wilkinson, Director; Doug Stang, Assistant Director
Division of Law Enforcement: Bernard Rivers, Director

Guests:

Jane McLaughlin, Legislative Affairs
Steve Hurst, Bureau Chief, Bureau of Fisheries
Rob Davies, Director, Division of Lands and Forests
Peter Innes, Deputy Director, Division of Lands and Forests

DLF = Division of Lands and Forest
DMBS = Division of Management and Budget Services
OGC = DEC Office of General Counsel
DOB = Division of the Budget
DOP = Division of Operation Services
OSC = Office of State Comptroller

Minutes of Prior Meeting:

MOTION: Marc Osypian motioned to accept February minutes; Dale Dunkelberger, Second, Motion passed.

Executive Report:

Ken Lynch, Executive Deputy Commissioner and Judy Drabicki, Deputy Commissioner of Natural Resources; Jane McLaughlin, Legislative Affairs; Rob Davies, Director, Division of Lands and Forests; Peter Innes, Deputy Directory, Division of Lands and Forests

- Ken Lynch announced he will be leaving DEC and thanked Board members for their advocacy on sportsmen/sportswomen issues.
- Jane McLaughlin provided a summary on the DEC departmental bills, 12 year old Youth Hunting was excluded from the Bill. Departmental Bill will include increased opportunity for crossbow (12 and 13 yr olds., 65 and older and disabled hunters), clarify hunting seasons and implements in ECL, provide comptroller with greater flexibility in how funds in state fish and game account are invested, provides DEC management authority for pheasants and quail throughout the state, eliminating the backtag requirement. CFAB members expressed frustration with the inability to move forward on youth hunting bills and the inability to move any items in the DEC departmental bill in the past.
- Rob Davies and Peter Innes provided CFAB members with breakdown of DEC Easement and Fee Acquisition Process. Opportunities were provided where CFAB and FWMB could provide more detailed feedback early on in the process. Additional detailed materials will be provided for CFAB members.
- Oswegatchie RMP.

Division of Fish and Wildlife Report:

Tony Wilkinson, Director and Doug Stang, Assistant Director: Steve Hurst, Chief, Bureau of Fisheries

- Provided update on license sales, trends, etc.
- Provided update on DECALS replacement and RFP progress, goal is June of 2020 for implementation if not will be February 2021.
- New license system to be all inclusive (fulfillment, call center, etc.), exploring options with vendors on opportunities for increased revenue (bundles, etc.).
- Hatchery Improvement Update (Caledonia, Adirondack, Salmon River discussed).
- Civil Service and Fish Culturist Exams/Test Results were received by DFW, limited timeframe to figure out the relocations and transfers that will occur in the hatchery system.
- Steve Hurst provided a summary Pending revisions for Great Lake Fishing Regulations (written summary provided). Initial meetings and comment period showed overwhelming support by the sporting community.

Division of Law Enforcement Report:

Bernard Rivers, Director, Division of Law Enforcement provided the following updates:

- Next academy May 2019, 42 ECO's, 14 Rangers
- Updated board members on current vacancies, transfers and retirements.
- Currently 48 vacancies (22 ECOs, 9 Investigators, 4 Bureau Lieutenants, 7 Uniform Lieutenants, 3 Captains, 1 Major, and 1 Assistant Director).
- Offer letters should be sent out next month.

CFAB BUSINESS:

- Projections for Conservation Fund – comments sought from Board Members.
- Region 3 Appt. discussed.
- Options moving forward for the Board to advise sporting public on lack of attention to sportsmen/women issues in NYS.
- CFAB Annual Report.

Tom Williams motioned to adjourn the meeting, Marc Osypian second – motion passed, Meeting Adjourned at 1:30 pm.

Update on DEC's E-Licensing system and sporting license sales:

e-Licensing:

Status Summary and Activities Completed This Period

- Development of the technical requirements and request for proposals (RFP) for a new automated licensing system continues.
- Staging environment upgrade continues.
- Revised plan for production system upgrade developed (new production environment to be established with current production environment to serve as disaster back-up).

License Sales

- Sporting licenses and habitat stamps were sold at DEC's booth at the Syracuse Sports Show.
- Monthly email reminders continue to be sent to previous license holders that have expiring or expired licenses (hunters and anglers) that have not, yet purchased a license for the new year.

Filled Position report:

Division of Fish and Wildlife

<u>Account</u>	<u>Number of Staff</u>	<u>Change</u>
Access Land Acquisition	0.7	
Habitat Conservation and Access Account	8	
Hazardous Waste Cleanup Account	1.8	
State Purposes Account	19	+1.2
Federal Fish and Wildlife Grants Account	63.8	+1
Conservation Fund (Traditional Account)	234.3	-2
Environmental Regulatory Account	4.8	
Natural Resources Damages Account	<u>0.8</u>	
Total	333.2	+0.2

Division of Fish and Wildlife items for Conservation Fund Advisory Board meeting
February 11, 2019

Conservation Fund (Main Account)

<u>Division</u>	<u>Number of Staff</u>	<u>Change</u>
Fish and Wildlife	234.3	-2
Operations	4	
Regional Affairs	<u>3</u>	
Total	241.3	-2

Status of Regulations (changes from previous month in bold):

Advanced Notice of Potential Rulemaking for possible changes to 6 NYCRR Part 10 – Sportfishing Regulations posted to the DEC website:
<http://www.dec.ny.gov/outdoor/115977.html> . Under consideration are several possible regulation changes pertaining to Great Lakes and GL tributaries fishing.

Pending Proposals: None

Proposals Filed: None

Pending Adoptions: None

Emergency Rules: None

Recent Adoptions: None

Status of DEC Hatchery System Infrastructure Work:

Updated table providing the status of DEC Hatchery projects funded via New York Works III, New York Works IV, New York Works V, New York Works VI and New York Works VII is attached.

Highlights:

- Contract documents for Caledonia Hatchery repair (address structural deficiencies in main building, new raceways, new garage doors) under review by DEC Management and Budget and Office of State Comptroller
- On-site meetings with engineers at Oneida Hatchery, South Otselic Hatchery, and Salmon River Hatchery
- Reviewed plans for new fish ladder at Salmon River Hatchery – some additional design work needed
- Security and alarm plans revised for Adirondack Hatchery
- Roof patched at South Otselic Hatchery residence

Hatchery Staffing Update:

Current number of permanent filled positions: 72

Recent transactions (fills):

- Fish Culturist 2 – Chautauqua

Recent transactions (separations):

- Fish Culturist 1 – Chautauqua

Vacancy(ies):

- Fish Culturist 4 – Rome
- Fish Culturist 2 – Salmon River
- Fish Culturist 1 – Chateauguay
- Fish Culturist 1 – Chateauguay
- Fish Culturist 1 – Chautauqua
- Fish Culturist 1 – Salmon River
- Fish Culturist 1 - Rome
- Office Assistant 1 – Rome

NEW YORK WORKS HATCHERY PROJECTS

Grey boxes indicate completed projects.

Updates in Bold

YEAR 1 FUNDING (NY Works 3)

Hatchery	Project	Cost	Project Window	Status & Progress
Stocking Trucks	Purchase 16 six-tank stocking trucks	\$ 1,829,000	ASAP	Trucks have been delivered. All tanks and aeration equipment have been installed and all trucks are on the road.
Chautauqua	Replace boilers used to heat fish production water	\$ 175,000	6/1-4/30	Bids received 5/20/15. Low bid is \$296,320. Contract approved by OSC on 7/3/15. Physical completion date is 12/15/15. Preconstruction meeting was held in Syracuse on 8/5/16. No start date set, but contractor eager to start. 11/4/15 - Installation has been completed; piping will be insulated and faulty control board in one of the boilers will be replaced in near future. 12/9/15 - Installation complete; inspection and training to happen mid-December. 1/6/16 - Inspection and training complete; fine-tuning cultural water heating controls. 3/8/16 - Reviewing change order to rewire power for boiler to generator back up panel. Contractor proposed additional valve for fine tune cultural heating. Contractor to schedule work. 9/16/16 - Project Complete
Chautauqua	Replace UV purification system	\$ 175,000	11/1-4/15	Bids received 5/20/15. Low bid is \$296,320. Contract approved by OSC on 7/3/15. Physical completion date is 12/15/15. Preconstruction meeting was held in Syracuse on 8/5/16. No start date set, but contractor eager to start. 11/4/15 - UV purifiers have been installed - awaiting final inspection by UV manufacturer. 12/9/15 - Installation complete; inspection and training to happen mid-December. 1/6/16 - Inspection and training complete; UV working but final testing deferred until June 2016 when lake water will be in use. 2/5/16 - Plans to install flow meter, modify piping, and add strainers upstream of new UV sterilizers. Adjusting boiler temps for heating hatchery water flows. 4/5/16 - -- Reviewing proposals for additional planned work. 9/16/16 - Project Complete
Caledonia	Purchase fiberglass replacements for concrete raceways in main hatchery building	\$ 70,000	7/1-2/28	Raceways delivered by May 2015; installation deferred to 2016 after structural assessment.
Oneida	Replace rotating drum water filter	\$ 300,000	9/1-3/1, (filter)	Contractor selected mid-March 2015; Contract awarded 5/28/15. Preconstruction meeting held on 7/27/15. 11/4/15 - Concrete sump complete and filter has been delivered to site. Tentative installation at the end of November. 12/9/15 - Filter has been installed and plumbed; Inspection and startup with manufacturer planned for mid-January. 1/6/16 - Screen has been successfully started up; performing according to design specifications. 3/3/16 - Final inspection completed.
Oneida	Replace boilers in hatchery building	\$ 125,000	7/1- 3/1	Contractor selected mid-March 2015; Contract awarded 5/28/15. Preconstruction meeting held on 7/27/15. 11/4/15 - Boilers have been installed and are operational.
Chateaugay	Replace 13 outside concrete raceways part 1	\$ 171,600	Purchase-anytime	Raceways were delivered in late May, 2015.

NEW YORK WORKS HATCHERY PROJECTS

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Updates in Bold

Rome	Repair/replace walls of main spring	\$ 170,000	6/1-7/15	Bid opening scheduled for 5/13/15; Project complete 12/1/15 (except site restoration - spring '16) Update - no bids received. Was re-bid on 6/3; low bid was \$298,500. Contract approved by OSC on 8/4/15. Operations to set up preconstruction meeting with contractor and set start date. 11/4/15 - Main spring wall replacement substantially complete. Site restoration and paving scheduled for late November. 12/9/15 - Final inspection completed. Contractor working on final punch list and site restoration. Spring creek cleanout repair portion of the project deferred until 2016, pending available funds. 1/6/16 - Punch list items completed. Flow meter operation and site stabilization being monitored. Site survey for Creek Spring clean out scheduled for 3/9/16. Work anticipated for fall 2016.
South Otselic	Replace earthen pond outlet structures and combine ponds	\$ 20,000		Soil borings complete, rest of work planned for 2016
Caledonia	Paint exterior of hatchery buildings	\$ 107,490	5/1- 8/1	Completed. Also painted inside the main hatchery building.
Caledonia	Repair and repave roadways and parking areas	\$ 238,348	Weather permitting	Completed.
Salmon River	Repair roof on main hatchery building	\$ 618,562	6/1-9-15	Preconstruction meeting held on 7/27/15, project to start 8/24/15. 11/4/15 - Roof membrane installed and project is substantially complete. Flashing being installed now. Should be done mid - late November. 12/9/15 - Warranty inspection by roofing manufacturer underway today; contractor has final punch list. 1/6/16 - Warranty inspection and final punch list complete.

Total Year 1 \$ 4,000,000

NEW YORK WORKS HATCHERY PROJECTS

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Updates in Bold

YEAR 2 FUNDING (NY Works 4)

South Otselic	Replace earthen pond outlet structures and combine ponds	\$ 1,050,000	7/1- 11/30	11/4/15 - Five bids received. Low bid is \$990,000. Work anticipated July-Sept. 2016. 1/6/16 - Contract was awarded in December 2015. 6/3/16 - Preconstruction meeting planned for June of 2016 (not scheduled yet). 9/16/16 - Work is ongoing and roughly 95% complete. 10/16/16 - Ladders into fish collection area installed; project nearing completion. 11/9/16 - Project complete.
Van Hornesville	Repair and Repave roadways and parking areas	\$ 50,000	Weather permitting	As of early August 2015, Operations to send JOC scope of work in near future. Work anticipated to start September 2015. 11/4/15 - In progress. Mid-November completion date. 1/6/16 - Project Complete.
Bath	Feed storage building	\$ -	Weather permitting	See NY Works 5. 1/4/19 - Project Complete
Rome	Repair/replace walls of main spring - supplemental funding for Year 1 project. 2016 - Spring creek cleanout repair portion of the project.	\$ 215,000	6/1-7/15	See above for project status. This is an add-on to year 1 funding, which was insufficient to fund entire project. 4/5/16 - Spring creek cleanout repair bids are due April 22, 2016. Work to be completed in Fall 2016. 5/3/16 - Bids received. Low bid is \$53,500. 9/16/16 - Preconstruction 9/16, work to start in October. 10/11/16 - Contractor on site. 11/9/16 - Work is ongoing. December 2016 - Project complete
Caledonia	Address structural deficiencies in main hatchery building; install new raceways and garage doors.	\$ 300,000	July through January	9/16/16 - Building has been inspected by Operations and temporary bracing on the outside of the building put in place to ensure the building is safe. Construction planned for 2017. 4/6/17 - Engineers performed site visit to acquire information for plan development. 9/5/17 - DEC Engineers will be on-site for more inspections on 9/6/17. 3/29/18- DEC Engineers will be doing another inspection of the building on 4/6/18. 4/30/18 - DEC Engineers will be doing a site inspection for residence garage and looking for potential leach field site for main hatchery building on 5/3/18. 5/31/18- Site visit completed. Test holes dug to determine next course of action concerning leach field placement. 7/20/18 - Met with engineers on 7/16/18. Invitation for Bids will go out mid-August (tentative) for project. 8/29/18 - Operations finalizing plans. Request for Bids will go out the week of 9/3/18. 10/1/18 -A Request for Bids was sent out 9/17/18. Bid opening on 10/3/18. 11/1/18 -Another Request for Bids was sent out and due 10/31/18. No bidders on first RFB. 12/4/18 - Low bid received from Contractor for \$ 1,198,000. Paperwork sent to OSC for review. 2/4/19- Contract paperwork is still being reviewed by Management and Budget/OSC. Once review is complete a pre-construction meeting will be scheduled.

NEW YORK WORKS HATCHERY PROJECTS

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Updates in Bold

Chateaugay	Replace 13 outside concrete raceways part 2	\$ 100,000	6/15-8/31	<p>Insufficient time to do this via JOC in 2015 within project window; Deferred to 2016 and funded with \$100,000 of year 2 funds.</p> <p>12/9/15 - Project plans and specifications under review. Tentative schedule is to have bids in by mid-January and an award made in March, 2016.</p> <p>2/5/16 - Slab construction bids were due on 1/10/16. Low bid was \$62,200. Work scheduled for June 2016.</p> <p>5/31/19 - demolition by hatchery staff started.</p> <p>6/2/16 - Pre-construction meeting held with contractor for new pad and walls for raceway installation.</p> <p>8/16/16 - Project Complete.</p>
Oneida	Improve water intake settlement/screening	\$ 250,000	10/1-2/1 (dredge)	<p>Dredging around intake design year 2015; work year 2016.</p> <p>12/9/15 - Bathymetric survey planned for winter of 2015/2016.</p> <p>8/29/18 - Dredging samples completed. Dredging Spoils approved for land spreading.</p> <p>2/4/19- Project meeting with engineers on 1/30/19. Project completion planned for Fall 2019.</p>
South Otselic	Emergency generator replacement	\$ 75,000	Anytime	<p>New project to replace failed generator. Temporary rental, followed by permanent replacement.</p> <p>12/9/15 - Temporary emergency generator delivered and will be set up this week.</p> <p>1/6/16 - Temporary emergency generator operational; Bids for the permanent emergency generator installation due mid-February 2016 and July/August 2016 targeted for installation.</p> <p>Bids for replacement received 2/10/16; Low bid is \$37,337.</p> <p>9/16/16 - Project Complete.</p>
Catskill	Repair outdoor concrete rearing ponds	\$ 500,000	Start late May	<p>Develop scope of work year 2016, construction year 2017.</p> <p>2/23/16 - Initial site visit for scoping completed.</p> <p>6/5/17 - Preparing drawings/specifications for pond work.</p> <p>1/4/18 - Project schedule has been posted.</p> <p>2/5/18 - Project Schedule Revised</p> <p>3/1/18 - Project out for Bid</p> <p>4/30/18 - Project anticipated start date 7/1/18.</p> <p>5/31/18 - Low bid received from Contractor. Work to start 7/1/18.</p> <p>6/20/18 - Pre-Construction meeting held with</p> <p>8/29/18 - Construction on-going. Anticipated completion dates September 2018.</p> <p>10/1/181 - Project should be completed October 2018.</p> <p>11/1/18 - Project nearing completion.</p> <p>12/4/18 - Contractors caulked pond walls and backfilled around pond walls. Completion of project planned for spring of 2019.</p>
Randolph	Rebuild "B" ponds	\$ 1,460,000	Start in June	<p>Design year 2015; construction year 2016; Consider expanding project scope to cover A ponds; Funding reduced to pay for increases in Rome and Chateaugay projects.</p>

Total Year 2 \$ 4,000,000

NEW YORK WORKS HATCHERY PROJECTS

Grey boxes indicate completed projects.

Updates in Bold

YEAR 3 FUNDING (NY Works 5)

Projects				
Bath	Feed Building	\$ 50,000		<p>9/16/16 - Old structures have been removed and site has been prepped by regional operations and hatchery staff. Coordinating with regional operations staff for possible construction in summer 2017.</p> <p>5/4/17- Quotes being obtained by Regional Operations Staff.</p> <p>8/7/17-Operations purchasing material for construction.</p> <p>9/5/17 - Operations has contracted out the work to Pike Co. They will install the poles, concrete pad, and framework. Construction schedule should be out week of 9/5.</p> <p>10/2/17 - Contractors planned to start w/o 10/2/17. Some materials have been purchased.</p> <p>11/6/17- The building frame has been built and floor poured. Roof completion soon.</p> <p>12/6/17 - Roof has been installed. Presently, side panels being installed by Operations.</p> <p>1/4/18 - Side panels and doors being installed.</p> <p>4/30/18 - Materials being purchased for interior installation.</p> <p>7/2/18- Construction continues on interior.</p> <p>8/29/18 - Construction of the interior almost complete. Planning for loading dock concrete work.</p> <p>11/1/18 - Insulation amd windows installed. Operations has been contacted for the concrete work.</p> <p>12/4/18 - Hatchery and Regional personnel poured concrete for loading ramp on 12/3/18. One more section to complete in future.</p> <p>1/4/19 - Project Complete.</p>
Bath	Well Rehabilitation	\$ 90,000		<p>Design work needed. Design work has been initiated.</p> <p>2/1/17 - Design work continues.</p> <p>3/6/17 - Project is out to bid - bid due date is March 22, 2017</p> <p>3/22/17-One bid received that was within 10% of budget. Work to begin this summer.</p> <p>6/5/17-Revised Plans sent to Hatchery manager.</p> <p>8/7/17 - Pump Testing of well completed. Trenching and electrical installation next.</p> <p>9/5/17 - Pump has been installed and all wire pulled and pipe work completed. Waiting for electronic components to be delivered and installed.</p> <p>10/2/17 - Project Complete.</p>
Bath, Chateaugay, Chautauqua, South Otselic, Caledonia	Paving	\$ 266,000		<p>11/6/17- Technical Services Request submitted to Division of Operations.</p> <p>4/30/18 - DEC Engineer will be doing site visits in May 2018.</p> <p>5/31/18- Site visits completed at all but Chautauqua H.</p> <p>7/2/18 - Met with DEC Engineers to determine priority for paving (7/2/18).</p> <p>7/20/18 - Waiting for JOC price summeries.</p> <p>10/1/18 - Paving for Bath H and South Otselic H anticipated to be completed October 2018.</p> <p>11/1/18 - Scope of Work and Estimates for Bath H and South Otselic H received. waiting for start date for the paving.</p> <p>12/4/18 - Base coat of blacktop applied to South Otselic roadways and parking lot. Finish coat will be applied spring of 2019.</p>

NEW YORK WORKS HATCHERY PROJECTS

Grey boxes indicate completed projects.

Updates in Bold

Caledonia	Outfall Reconfiguration - SPDES Compliance	\$ 100,000		<p>9/16/16 - Initial design work has been completed and applications have been submitted for needed permits.</p> <p>10/13/16 - Design work completed and under review in operations; Application for Article 24 permit has been submitted.</p> <p>1/5/17 - Contract to do work under review.</p> <p>Bids received 2/1/17. Low bid \$117,840.</p> <p>3/6/17 - Awaiting bid to be awarded.</p> <p>3/?/17 Bid awarded. Work to begin this summer.</p> <p>6/5/17- Pre-Construction meeting planned for June.</p> <p>9/5/17 - Contractors on-site. Single outflow structure being constructed.</p> <p>12/6/17 - Project 99% Complete. Reseeding work area spring 2018.</p> <p>7/2/18 - Project Complete.</p>
Chautauqua	Main Hatchery Roof, associated repairs	\$ 180,000		<p>11/6/17- Technical Services Request submitted to Division of Operations.</p> <p>4/30/18 - DEC Engineer will be doing a site visit in May 2018.</p> <p>8/29/18 - Actual site visit will be conducted in Fall 2018.</p>

NEW YORK WORKS HATCHERY PROJECTS

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Updates in Bold

<p>Randolph, Bath, Cedar Springs</p>	<p>Predator Exclusion</p>	<p>\$ 1,100,000</p>	<p>10/13/16 - Hatchery visit scheduled for mid-November; 12/8/16 - Design work initiated for Bath and Cedar Springs enclosures. Price estimates being obtained for both hatcheries. 1/5/17 - Design work continuing. 2/1/17 - Preliminary drawings complete for Bath Hatchery Exclusion. 3/6/17 - Drawings for Bath are being finalized and specifications are being prepared. A suitable design for Cedar Springs (60 foot wide span) is still being worked on. 6/5/17 - Drawings/Specifications for concrete work being prepared for ponds at Cedar Springs. Enclosure plans being finalized for Bath Hatchery. 8/7/17 - Bids received. Low bid \$649.905. 9/5/17 - Bath project to be awarded soon. 11/6/17- Contractor will begin project soon. 12/6/17 - Contractor ordering correct material. State inspector on site discovered non-contract material. 1/4/18 - Correct material has been delivered to Bath H. Work is commencing. Design work continues on the Cedar Springs Enclosure. 2/5/18- Work is proceeding on enclosure at Bath H . 3/29/18- New sub contractors hired and work is proceeding. 5/31/18- Work is nearing completion on predator enclosures at Bath H. 7/2/18 - Project completed at Bath Hatchery</p>
<p>Rome/Caledonia/Randolph</p>	<p>Hydrogen Peroxide Storage - DHS Compliance</p>	<p>\$ 60,000</p>	<p>10/13/16 - Quotes being obtained for storage units. 12/8/16 - Container for Rome H purchased and site work completed. Quotes being obtained for Caledonia H. 1/5/17 - Obtaining quotes for the installation of security systems. 2/1/17 - Security systems have been installed at Randolph and Rome Hatcheries. 8/7/17 - Gravel and stone have been delivered. Anticipate construction completion August- September 2017. 9/5/17 - Trees have been removed from pad site. Gravel pad has been constructed. Quotes being obtained for H2O2 container. 10/2/17 - Installation of container planned for w/o 10/2/17. 11/6/17- Installation of Container is complete. Installation of security system on-going. 2/5/18 - Homeland Security Inspections planned for March and April 2018. 3/1/18 - Inspections by Homeland Security scheduled for Rome (3/22/18), Randolph (4/3/18), and Caledonia (4/4/18). 3/29/18- Inspection completed at Rome on 3/22/18. 4/30/18 - Inspections completed with Homeland Security at both Randolph H and Caledonia H. 7/2/18 - Project Completed.</p>

NEW YORK WORKS HATCHERY PROJECTS

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Updates in Bold

Multiple	Hatchery Manager Residence Repairs	\$ 200,000		<p>9/16/16 - All residences have has structural inspections completed. Waiting for inspection reports. 11/9/16 - Inspection reports have been received and reviewed. Prioritization and a spending plan is in preparation. 12/8/16- Work being completed at Caledonia hatchery's residence. 1/5/17 - Priority spending plan under review; some work being done by hatchery and operations staff. 4/6/17 - Caledonia residence completed (interior). 6/5/17 - Infrastructure repairs continue at South Otselic. 9/5/17 - Infrastructure repairs continue at South Otselic and Caledonia (exterior) residence. 10/2/17 - Technical Services Request submitted to Operations for South Otselic. Exterior work continues at Caledonia. 11/6/17- Many of the exterior projects at Caledonia have been completed by Region 8 Operations and Bill Hajdasz. 12/6/17 - New roof has been installed at the Catskill Hatchery residence. 1/4/18 - JOC meeting planned for 1/9/18 for South Otselic residence. 2/5/18 - Waiting for Estimate from JOC Contractor for South Otselic Residence. 3/29/18 - DEC engineer recently inspected the residences at Salmon River Hatchery with JOC Contractor. 4/30/18 - Proposal received for South Otselic residence on 4/25/18. Proposal under review. 5/31/18- Notice to Proceed at South Otselic residence has been issued and sent to contractor. We have received a proposal from JOC contractor for residences 1 and 3 at Salmon R H. 7/2/18 - JOC Contractor starting renovations at South Otselic Residence (7/2/18)</p>
Vehicles				
Adirondack, Chateaugay, Rome, Van Hornesville	Small stocking trucks (4; 1-ton flatbeds)	\$ 200,000		<p>Requisition submitted 10/3/16 10/21/16- Purchase Order received. Delivery anticipated 4/1/17. 6/5/17 - Delivery pushed back until late June. 8/7/17 - Trucks have been delivered and are on the road.</p>
Adirondack, Chateaugay, Rome, Van Hornesville	Tanks and aeration for small stocking trucks	\$ 44,000		<p>Total allotment included in above small stocking tank purchase.</p>
Chateaugay, Rome	Sludge Trucks (2)	\$ 360,000		<p>Bids were received on 9/16. Requisition submitted 10/3/16. 10/21/16 Purchase Order received. Delivery anticipated 3/17/17. 4/6/17 - Trucks received. 5/4/17 - Plates and cards received. Trucks on the road.</p>
Equipment				
Bath, Salmon River	Forklifts (1)	\$ 50,000		<p>10/13/16- Specifications and quote being obtained for Bath H Forklift. 12/8/16 - Bath H forklift received. 3/1/18 - Crowder/Forklift for Salmon RH funded in NYW 6.</p>

NEW YORK WORKS HATCHERY PROJECTS

Grey boxes indicate completed projects.

Updates in Bold

Catskill, Van Hornesville, Bath, Salmon River	Fish Pumps (4)	\$ 160,000		<p>9/16/16 - Requisitions are being prepared for purchase. 10/13/16 - Purchase order sent to vendor. 2/1/17 - Bath Hatchery pump has been received. 9/5/17 - Quotes being obtained. 10/2/17 - Finalizing specifications for Tower Pumps .Specification Info soon to be sent to Purchasing Unit for IFB. 11/6/17- Justification for purchase has been sent to F&W Administration Unit who forwarded it to our Purchasing Unit to determine M/WBE status. 12/6/17 - Invitation for Bid sent out mid-November. Last day for bid submission is 12/7/17. 1/4/18 - Paperwork sent to OSC for approval 2/5/18 - OSC has approved purchase. Contract material has been sent to Manufacturer. 3/29/18 - Shipping of fish pumps from manufacturer planned for mid-June 2018. 4/30/18 - Received confirmation from manufacturer on delivery dates of mid-June 2018. 5/31/18- Fish pumps due for delivery mid-June 2018. 7/2/18 - Fish pumps have been delivered to two hatcheries so far (6/18/18). 8/29/18 - All fish pumps have been delivered. Invoice has been paid.</p>
Multiple	Pond Aerators	\$ 40,000		<p>9/16/16 - Half the needed aerators have been ordered. Second requisition submitted 10/7/16. 12/8/16 - Presently receiving aerators from second order. 1/5/17 - All aerators received.</p>
Multiple	Misc. Small Equipment Purchases	\$ 100,000		<p>6/5/17 - Purchases are ongoing. 2/5/18 - Purchases are Complete.</p>

Total Year 3 \$ 3,000,000

NEW YORK WORKS HATCHERY PROJECTS

Grey boxes indicate completed projects.

Updates in Bold

Year 4 Funding (NY Works 6)

Projects				
Adirondack Hatchery Well Rehabilitation	Recondition hatchery wells and install new pump controls and flow meters.	\$ 60,000		9/5/17 - Design work continues. 10/2/17 - Investigative Phase has been approved for pump installation and rehabilitation of wells. 11/6/17- Contractor is in the process of cleaning intake screens then will do pump tests on each well. 12/6/17 - Project Complete.
Caledonia Hatchery Install New Raceways	Replace old concrete raceways with new fiberglass raceways (already purchased).	\$ 38,000		11/6/17- Waiting for Division of Operations to determine correct path on rehabilitating main hatch house before installing raceways. 8/29/18 - Bids for project to go out week of 9/3/18. 10/1/18 - Bids for overall building project were advertised starting 9/17/18. 11/1/18 - Rebid due 10/31/18 12/4/18 - Bid received for installation and being reviewed by OSC.
Caledonia Hatchery Water Supply Improvements	Install spillway valve and reinforce Spring Creek valve.	\$ 50,000		11/6/17- Technical Services Request submitted to Division of Operations. 3/29/18 - DEC engineers will visit the hatchery on 4/6/18 to access project.
Caledonia Hatchery Garage	Install garage at Manager's Residence	\$ 50,000		11/6/17- Technical Services Request submitted to Division of Operations. 3/1/18 - Ops engineers will visit Hatchery in March for preliminary inspection of grounds and siting garage. 3/29/18 - DEC engineers will be visiting the residence on 4/6/18 for preliminary consultation and planning. 4/30/18 - DEC engineers will be doing a site visit on 5/3/18 to site garage on land adjacent to residence. 5/31/18 - Site visit completed. Test holes dug to determine residence leach field. Plans being developed. 7/20/18 - Met with DEC Engineers (July 10) and bid for project will go out for quotes mid-August (tentative) 8/29/18 - Bids for project to go out week of 9/3/18. 10/1/18 - Bids for project went out 9/17/18. 11/1/18 - Rebid due 10/31/18. 12/4/18 - Bid received and being reviewed by OSC.
Chateaugay Hatch House Foundation	Rehabilitate hatch house foundation	\$ 40,000		11/6/17- Technical Services Request submitted to Division of Operations. 5/31/18 - Site visit on 5/29/18 DEC Engineer.
Chateaugay Pole Barn Foundation	Address settling pole barn foundation and cracked slab	\$ 10,000		11/6/17- Technical Services Request submitted to Division of Operations. 5/31/18- Site visit on 5/29/18 by DEC Engineer. 7/2/18 - Project Complete.
Oneida Hatchery Extend Roofs	Extend roof over main hatchery entrance and over boat dock area.	\$ 30,000		11/6/17- Technical Services Request submitted to Division of Operations. 2/4/19- DEC Engineers doing site visit on 2/5/19.
Oneida Hatchery Replace UV system	Replace outdated and inefficient UV system with equipment more appropriate to sterilize fish culture water.	\$ 25,000		11/6/17- Technical Services Request submitted to Division of Operations. 2/5/18 - Division of Operations reviewing TSR. 4/30/18 - Will combine this project with pipeline work and drain flow issues. 2/4/19- DEC Engineers doing site visit on 2/5/19.

NEW YORK WORKS HATCHERY PROJECTS

Grey boxes indicate completed projects.

Updates in Bold

Randolph Hatchery B-pond Replacement	Replace leaning, crumbling walls and related valves and plumbing to prevent catastrophic loss of fish. Supplement to NY Works 3 Funding.	\$ 565,000		11/6/17- Technical Services Request submitted to Division of Operations.
Randolph Hatchery Painting and Structural Repairs	Rehabilitate cement foundations and repaint peeling buildings.	\$ 50,000		11/6/17- Technical Services Request submitted to Division of Operations.
Rome Hatchery Feed Barn Repairs	Feed barn needs steel beam supports replaced, new siding, and new overhead door.	\$ 100,000		9/5/17 - JOC Proposal \$45,689.50. Notice to proceed has been issued. 10/2/17 - Work scheduled for Fall 2017. 11/6/17- Waiting for contractor to schedule construction begin date. 12/6/17 - Contractor ordering material for construction. Construction schedule will be produced soon. 3/1/18 - Projected completed and inspected by Ops engineer.
Rome Hatchery Pave Visitor Parking Lot	Unpaved visitor parking lot needs to be paved.	\$ 50,000		11/6/17- Technical Services Request submitted to Division of Operations. 4/30/18 - DEC engineer will do a site visit in May 2018 to determine path to follow on project. 5/31/18 - Site visit completed. Estimate being determined by engineering. 7/2/18 - Waiting for cost summary from JOC Contractor.
Rome Hatchery Outside Raceway Roof Replacement	Replace roof on outside raceway building.	\$ 10,000		11/6/17-Technical Services Request submitted to Division of Operations. 4/30/18 - DEC engineer will do a site visit in May 2018 to determine path to follow on project. 5/31/18 - Site visit completed. Estimate being determined by engineering. 7/2/18 - Waiting for Cost Estimate from JOC Contractor.
Rome Fish Disease Lab Mixing Box	Increase height and rehabilitate crumbling, existing concrete structure.	\$ 30,000		11/6/17- Technical Services Request submitted to Division of Operations. 2/5/18 - Division of Operations reviewing TSR. 4/30/18 - Will combine this project with pipeline work and drain flow issues.
Rome Fish Disease Lab Water Supply	Resolve reduced flow issues using video camera, valve replacement, and jetting of valve line.	\$ 27,000		9/5/17 - JOC contractor has used underwater camera and jetting to inspect pipe and clean it. Found board stuck in pipe. Will proceed to find best way to eliminate board. 10/2/17 - Waiting for proposal from contractor on valve replacement. 12/6/17 - Proposal and cost estimate received. 2/5/18 - Waiting for Cost Estimate revision. 3/29/18- Project delayed due to JOC Contractor ordering addition material. 4/30/18 - JOC contractor ordering additional pipe and connectors since finding additional piping underground. 5/31/18 - Project completed on pipe and valve. Punchlist inspection soon. Lab mixing box has been combined into this project and that project will start soon. 7/2/18 - This part of Project Complete.

NEW YORK WORKS HATCHERY PROJECTS

Grey boxes indicate completed projects.

Updates in Bold

Salmon River Heating System	The antiquated heating system is on the verge of failing and must be totally replaced with a more energy efficient system.	\$ 500,000		<p>9/5/17 - Meeting has been held with OGS on site. Waiting for OGS to approve JOC contract for replacement of heat pump for office. Pipe inspection will be started soon.</p> <p>11/6/17- Cost estimates have been received.</p> <p>12/6/17 - A Notice to Proceed on the design work was issued by OGS to engineering firm.</p> <p>2/5/18 - Preliminary plans have been received from OGS. Meeting with OGS planned for 2/5/18 at Salmon River Hatchery to review construction plans.</p> <p>3/1/18 - Operations/Fish Culture are reviewing the plans. Removal/Install anticipated start date: June 2018.</p> <p>4/30/18 - Contract will be sent out for bids in May 2018.</p> <p>5/31/18 - Bids have been received. Review of bids by OSC next.</p> <p>7/20/18 - Pre Asbestos Remediation Meeting planned for 7/31/18. Remediation to start 7/31/18.</p> <p>8/29/18 - Construction continues with the heating system.</p>
Salmon River Generator	Replace the existing generator in-kind as soon as possible - larger generator deferred until water reuse installed.	\$ 100,000		<p>9/5/17 - Waiting for OGS to approve JOC contract so contractor can move forward in replacing generator.</p> <p>11/6/17- Cost estimate has been received and approved.</p> <p>12/6/17 - A Notice to Proceed has been issued.</p> <p>2/5/18 - Generator delivery to hatchery planned for 2/14/18.</p> <p>3/1/18 - Generator delivered. Installation will commence in March 2018.</p> <p>3/29/18 - Start-up testing is planned for 3/30/18.</p> <p>4/30/18 - Start-up test completed. Final punch list reviewed soon by DEC engineers and contractor.</p> <p>7/2/18 - Project Complete.</p>
Salmon River Cell/Wi-Fi Coverage	Enable cell/Wi-Fi at the hatchery; will be used	\$ 10,000		<p>9/5/17 - Operations has been working with Verizon to determine options and cost estimate.</p> <p>12/6/17 - Meeting with Verizon in mid-November. Waiting for options from Verizon.</p> <p>2/5/18 - Estimate received from Verizon for installation and monthly charge.</p>
Salmon River Water Infiltration	Diagnose and fix potential groundwater water infiltration in pipe chase and lift pit in spawn house.	\$ 10,000		<p>11/6/17- JOC Contractor has submitted proposal and will proceed with work soon.</p> <p>12/6/17 - Project Complete.</p>
Salmon River Third Residence	Roof, basement footing, possible radon remediation, HVAC upgrades.	\$ 150,000		<p>12/6/17 - Roof is being installed. Should be completed by 12/8/17.</p> <p>1/4/18 - Roof replacement completed.</p> <p>10/1/18 - Operations engineer and JOC Contractor met on 9/27/18 to look at foundation and interior work.</p> <p>12/4/18 - Material had been purchased for basement and foundation drainage work.</p>
Salmon River Fourth Residence Demolition	The fourth residence hasn't been occupied in years and should be demolished to make room for pole barn.	\$ 50,000		<p>11/6/17- Technical Services Request submitted to Division of Operations.</p> <p>12/6/17 - Paperwork is being submitted for demolition/OGS surplus forms.</p> <p>2/5/18 - Operations developing alternatives for re-routing electrical connections.</p>
Salmon River Pole Barn Construction	Construction of new pole barn for storage on previous site of fourth residence.	\$ 75,000		<p>11/6/17- Technical Services Request submitted to Division of Operations.</p>
Salmon River Overhead Garage Doors	Installation of new energy efficient overhead garage doors in the truck bay area of the hatchery.	\$ 20,000		<p>9/5/17 - Quote has been received from JOC contractor. A Notice to Proceed has been issued.</p> <p>10/2/17 - Work scheduled for Fall 2017. Doors have been ordered.</p> <p>11/6/17- JOC contractor is in the process of installing doors as of 11/3/17.</p> <p>12/6/17 - Project Complete.</p>
Salmon River Repair of Existing Meters and Control Systems	Update and repair existing control systems, flow meters, and alarm systems.	\$ 50,000		<p>11/6/17- Division of Operations investigating correct path to improve systems.</p>

NEW YORK WORKS HATCHERY PROJECTS

Grey boxes indicate completed projects.

Updates in Bold

Salmon River Potable Water	Need two new wells - one for residences and one for hatchery.	\$ 150,000		11/6/17- Technical Services Request submitted to Division of Operations. 11/1/18 - O'Rourke Groundwater Developing, LLC has been awarded contract for well investigations. 1/4/19 - Investigation report completed by well drillers and estimates submitted to Operations. Fish Culture and Operations working together to determine correct path to complete project.
Salmon River Fish Crowder	Replace 30 year-old electric fork lift with new fish crowder used during egg takes at the hatchery.	\$ 150,000		11/6/17- Options for purchase being reviewed. 3/29/18 - Phone Conference on 3/28/18 with crew at Salmon River Hatchery to discuss options. Numerous forklift companies will be observing egg collection procedure in April 2018 using forklift and will submit quotes at a later date. 7/2/18 - Another company has looked at the forklift/crowder and will make recommendations for a new crowder. 10/1/18 - Recommendations from forklift company have been reviewed and more details will be forthcoming from compmany on exact design. 12/4/18 - Application submitted to DASNY for grant funding. 1/4/19 - TSR submitted to Operations. 2/4/19- DEC Engineer making site visit on 2/5/19.
Salmon River Denil Tower Removal	Remove the no-longer-used Denil tower and fish shorter.	\$ 25,000		11/6/17 - Technical Services Request submitted to Division of Operations. 2/5/18 - Division of Operations reviewing TSR
Salmon River Visitor Center Upgrades/Interpretive Signage	Upgrade interior and exterior interpretive signage; Replace outdated displays and flooring.	\$ 40,000		9/5/17 - Design and construction of signs on-going. 10/2/17 - Signs and interior displays are proceeding with installation. Flooring in Visitor Center nearly complete. 11/6/17- Ribbon Cutting Ceremony on 11/3/17. 12/6/17 - Re-caulking floor in visitor center. 1/4/18 - Floor has been re-caulked.
Salmon River Contingency Funds	To cover unanticipated costs for Salmon River projects.	\$ 255,000		
South Otselic Dam Repairs	Repair dam as recommended in dam safety inspection report; Remove debris from around intake.	\$ 80,000		11/6/17- Technical Services Request submitted to Division of Operations. 7/2/18 -DEC Engineers completed a site visit in June 2018. 10/1/18 - Stop logs will be removed soon and work will procede thereafter. 12/4/18 - Estimate has been received from engineering firm for dam repair (\$1,400,000). 2/4/19- The Fish Culture section met with DEC Engineering to determine future direction for dam improvement.
Van Hornesville Hatchery Enlarge Feed Building	Enlarge feed building to facilitate feed unloading and handling; install new septic system.	\$ 75,000		11/6/17- Technical Services Request submitted to Division of Operations. 3/29/18- DEC engineer and JOC contractor meeting at hatchery postponed due to snow pack. 4/30/18 - Site visit by DEC engineer and JOC contractor planned for May 2018. 5/31/18- Site visit completed by Engineering.
Van Hornesville Hatchery Stone Building Repairs	Pointing and parging of stone-walled buildings at the hatchery.	\$ 10,000		11/6/17- Technical Services Request submitted to Division of Operations. 3/29/18- DEC engineer and JOC contractor meeting at hatchery postponed due to excessive snow pack depth. 4/30/18 - Site visit by DEC engineer and JOC contractor planned for May 2018. 5/31/18 - Site visit completed by Engineering.

NEW YORK WORKS HATCHERY PROJECTS

Grey boxes indicate completed projects.

Updates in Bold

Van Hornesville Health and Safety Issues	New hatch house stairway, railing, door and roof extension.	\$ 15,000		<p>9/5/17 - Plans have been submitted to JOC contractor. Waiting for quote. 10/2/17 - Too late to start project due to fish egg delivery and set-up. Will proceed with project in summer 2018. 2/5/18 - Proposal for construction has been received by Operations from JOC Contractor. 3/1/18 - JOC Proposal accepted, construction to begin summer of 2018. 4/30/18 - Work planned to start July 2018. 7/2/18 - Construction began 6/18/18. 7/20/18 - Work completed 7/16/18. Waiting for punch list Inspection by OPS. 8/29/18 - Project Completed.</p>
Multiple Hatcheries - Hatchery Equipment	Various large machinery and equipment.	\$ 100,000		10/1/18 - Purchases completed

Total Year 4 \$ 3,000,000

NEW YORK WORKS HATCHERY PROJECTS

Grey boxes indicate completed projects.

Updates in Bold

Year 5 Funding (NY Works 7)

Multiple Hatcheries - Hatchery Equipment	Purchase various large machinery and equipment	\$ 140,000	7/20/18 - Requisition in for purchase of egg trays. 8/29/18 - Egg trays received. 10/1/18 - Equipment purchases ongoing. 2/4/19- Purchase orders have been received for purchasing numerous equipment.
Multiple Hatcheries - Stocking Trucks	Purchase various size stocking vehicles (Flatbed @ Randolph; Pickup @ Rome & Van Hornesville)	\$ 180,000	12/4/18 - Gathering information on vehicles so DPAT application can be submitted to Operations. 1/4/19 - DPAT applications submitted along with Business Case.
Multiple Hatcheries - Paving	Miscellaneous sections of hatcheries need repaving	\$ 230,000	7/20/18 - Waiting for price summaries from JOC contractors for numerous paving projects. 10/1/18 - Paving for 2 hatcheries to start October 2018. 12/4/18 - South Otselic base coat has been applied.
Multiple Hatcheries - New Alarms and Associated Meters and Electronics	Replace security system with new alarms and associated meters and sensors	\$ 690,000	7/20/18 - TSR submitted for Adirondack H . State contract company will submit price quote soon. 8/29/18 - Have received revised price quote for installation and monitoring. 10/1/18 - Soliciting 2 other state contract companies for quotes. 11/1/18 - Received quotes from 2 companies waiting for the quote from the third. 12/4/18 - Low quote from Johnson Controls. Quote being reviewed by OSC. 1/4/19 - Equipment has been ordered by contractors and work is planned to begin 1/21/19. 2/4/19- DEC Engineers and contractor met at Adirondack Hatchery on 1/15/19 to revise installation plans. Inside work can begin in near future. TSR's were submitted on 1/7/19 for Salmon River and Rome Hatchery for Alarm installation.
Adirondack Hatchery Residence Reconstruction	Whole house renovation, including but not limited to new walls and ceilings, new flooring, siding replacement , new sanitary and domestic plumbing fixtures. This work will most likely be performed via a JOC.	\$ 250,000	7/20/18 - TSR submitted to Operations. 8/29/18 - Looking at plans for a modular residence. 10/1/18 - Just received quotes for two house models. Looking at additional options for each. 11/1/18 - Demolition paperwork being submitted. Model house chosen. Plans being revised. 12/4/18 - Residence demolished. Basement plans under design and installation planned for December 2018/January2019. 1/4/19 - Waiting for the weather to cooperate for basement pouring. Fish Culture and DEC Engineering went to building manufacturer and finalized building specifications.
Adirondack Raceway Demolition and Hatchery Garage	Demolition of old raceways and build new garage for equipment and vehicle storage	\$ 300,000	1/4/19 - TSR submitted to Operations.
Bath Hatchery Pond Rehabilitation	Re-form and re-pour concrete raceways	\$ 50,000	1/4/19 - TSR submitted to Operations.
Bath Hatchery Main Building Winterization	All access doors and windows need replacing	\$ 50,000	1/4/19 - TSR submitted to Operations.
Catskill Hatchery Residence Generator	A new stationary generator needs to be installed at the manager's residence	\$ 30,000	8/29/18 - TSR submitted to Operations. 1/4/19 - DEC Engineering determining correct generator capacity for residence electrical needs.
Catskill Hatchery Predator Deterrents - fencing/building	Fencing/building around the pond perimeters	\$ 50,000	1/4/19 - TSR submitted to Operations.
Chateaugay Hatchery Paving	Complete repaving of the hatchery roadways and parking lots	\$ 350,000	7/20/18 - Ops engineer met with JOC contractor on site to review project. 10/1/18 - Operations reviewing scope of work and awaiting quotes from JOC contractor.
Chautauqua Hatchery Well test and new water treatment system	Pump test wells, construct new water treatment system	\$ 300,000	1/4/19 - TSR submitted to Operations (4/2018).
Oneida Hatchery New Fish Feeder Electronics	Replace fish feeder electronics	\$ 10,000	1/4/19 - TSR submitted to Operations.

NEW YORK WORKS HATCHERY PROJECTS

Grey boxes indicate completed projects.

Updates in Bold

Oneida Hatchery Residence Reconstruction	Whole house renovation, including but not limited to new walls and ceilings, new flooring, siding replacement , new sanitary and domestic plumbing fixtures. This work will most likely be performed via a JOC.	\$ 100,000		7/20/18 - TSR submitted to Ops. 11/1/18- Scoping session with JOC contractor being planned for November 2018. 12/4/18 - A meeting was held at the Oneida residence on 11/28/18 with Fish Culture personnel and the JOC contractor. Waiting for the JOC contractor to submit estimate for work to be completed on the residence. 2/4/19- JOC contractor made temporary repair of roof so Engineering could move forward and approve mold remediation.
Rome Hatchery Fencing and Tree Removal	Perimeter fencing needs replacing and numerous large trees need to be removed	\$ 50,000		7/20/18 - TSR submitted to Ops. 8/29/18 - Waiting for cost estimate from JOC Contractor. 2/4/19- Subcontractor to be removing trees week of 2/4/19.
Salmon River Hatchery Concrete Replacement	Numerous areas of the hatchery need concrete replaced	\$ 25,000		1/4/19 - TSR submitted to Operations.
South Otselic Hatchery Pole Barn for equipment and vehicle storage	Construct new pole barn for storage of equipment and vehicles	\$ 150,000		1/4/19 - TSR submitted to Operations.
South Otselic Hatchery Overhead Door Replacements	Numerous overhead doors need replacing in multiple buildings	\$ 15,000		1/4/19 - TSR submitted to Operations.
Van Hornesville Hatchery Pole Barn Roof	Replace pole barn roof	\$ 30,000		1/4/19 - TSR will be submitted in January 2019. 2/4/19- TSR submitted on 1/7/19.

Total Year 5 \$ 3,000,000

Total \$ 17,000,000