



KATHY HOCHUL
Governor

TERRY MARTINO
Executive Director

MEMORANDUM

TO: Terry Martino
 FROM: Kathy Regan
 DATE: January 11, 2022
 RE: RASS Program Report – Year End 2021

**RASS DIVISION 2021
Summary Chart**

Activity	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	YTD
ENGINEERING Project Reviews	37	49	76	60	49	40	24	39	24	43	36	37	514
ENGINEERING Site Visits	4	3	0	14	16	10	7	2	6	3	1	2	68
TERRESTRIAL ECOLOGY Reviews/Site Visits	5	5	4	1	2	3	2	0	1	0	2	5	30
FRESHWATER RESOURCE Reviews/Site Visits	8	7	10	10	7	17	16	24	20	10	11	6	146
FORESTRY Reviews/ Site Visits	4	1	1	9	10	11	7	10	8	11	9	7	88
WETLAND Project Reviews	28	26	23	38	19	21	52	34	29	44	37	38	389
WETLAND Air Photo Interpretations	22	15	33	49	32	26	24	10	32	27	33	69	372
DEEP HOLE TEST PITS Described	9	7	6	16	17	20	14	26	27	40	13	21	216
DEEP HOLE TEST PITS Site Visits	4	1	1	9	10	11	7	10	8	11	9	7	88

RASS DIVISION 2021 Profile Reports*

2021 Engineering Profile of Project Review and Site Visits¹

	OSWWTS	Stormwater	Shoreline	Shoreline Variance Proposals	JIF/Legal Agency Coordination	Enforcement	Planning	Total
Jan	17	25	10	8	9	1	3	73
Feb	24	33	22	7	10	6	1	103
Mar	41	37	29	20	21	3	6	157
April	36	41	30	11	23	7	1	149
May	25	26	31	9	20	6	2	119
June	32	30	21	9	9	2	0	103
July	16	16	12	4	8	4	1	61
Aug	25	20	12	9	11	7	0	84
Sept	18	21	11	5	4	5	3	67
Oct	28	32	12	8	9	6	6	101
Nov	25	22	6	5	5	4	4	71
Dec	30	41	13	7	13	2	6	112
Total	317	344	209	102	142	53	33	1,200

* Individual project reviews and site visits may include multiple profile categories.

¹

2021 Deep Hole Test Pit Statistics

Deep Hole Test Pit Statistics	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Projects Involving DHTPs	6	7	6	11	13	11	7	14	14	20	11	7	127
DHTPs Described by APA	4	1	1	12	13	19	14	23	19	30	10	21	167
DHTPs Described by Consultants	5	6	5	4	4	1	0	3	8	10	3	0	49
Total DHTPs	9	7	6	16	17	20	14	26	27	40	13	21	216
Approved Conventional Systems	4	4	3	3	8	7	4	12	12	22	3	15	97
Approved Shallow Systems	5	3	3	7	8	10	6	11	6	16	9	4	88
Did not Meet Agency Guidelines	0	0	0	6	1	3	4	3	9	2	1	2	31
Approved Conventional Systems %	44%	57%	50%	19%	47%	35%	29%	46%	44%	55%	23%	71%	45%
Approved Shallow Systems %	56%	43%	50%	44%	47%	50%	43%	42%	22%	40%	69%	19%	41%
Did not Meet Agency Guidelines %	0%	0%	0%	38%	6%	15%	29%	12%	33%	5%	8%	10%	14%
Approved Shallow Systems	5	3	3	7	8	10	6	11	6	16	9	4	88
Shallow Systems due to SHGWT	3	3	2	5	6	10	6	10	5	16	8	4	78
Shallow Systems due to Bedrock	2	0	1	2	2	0	0	1	1	0	1	0	10
Shallow Systems due to SHGWT %	60%	100%	67%	71%	75%	100%	100%	91%	83%	100%	89%	100%	89%
Shallow Systems due to Bedrock %	40%	0%	33%	29%	25%	0%	0%	9%	17%	0%	11%	0%	11%

2021 Forestry Profile of Project Review and Site Visits

	Vegetative Management Plan Reviews	Timber Harvest Reviews	River Areas Reviews	Shoreline Cutting Reviews	Total
Jan	4	0	0	0	4
Feb	9	1	0	2	12
March	2	1	0	1	4
April	7	1	1	3	12
May	2	5	0	3	10
June	4	0	0	3	7
July	3	0	2	2	7
August	2	0	0	1	3
September	4	2	3	5	14
October	9	0	0	1	10
November	3	0	1	2	6
December	4	3	0	3	10
Yearly Total	53	13	7	26	99

2021 Freshwater Resources Profile of Project Review and Site Visits

	Aquatic Invasives Species	Aquatic Nuisance Species	Lakeshore or Stream Stabilization	Dredging	Dams	Water Quality	Other	Total
Jan	7	0	0	1	0	0	0	8
Feb	2	1	0	2	0	0	0	5
March	4	2	0	1	0	0	1	8
April	4	1	0	2	0	0	1	8
May	1	3	0	1	0	0	0	5
June	4	3	0	3	0	0	0	10
July	3	2	0	1	0	0	0	6
August	8	5	0	1	0	1	0	15
Sept	4	1	0	1	1	0	1	8
Oct	3	2	0	1	0	0	0	6
Nov	3	1	0	2	0	0	0	6
Dec	2	0	0	1	1	0	1	5
Yearly Total	45	21	0	17	2	1	4	90

2021 Wetland Field Visits

	Number of requests Received during month	Number completed	Interval for processing. (Date received to date Scheduled for those received in that month)	Number pending
January	N/A	N/A	N/A	N/A
February	N/A	N/A	N/A	N/A
March	11	N/A	12	23

April	39	25	19	25
May	23	25	23	23
June	42	39	16	26
July	26	35	15	17
August	39	30	17	26
September	32	34	18	24
October	21	40	12	5
November	19	22	8	2
December	N/A	2	N/A	N/A
Yearly Total	252	252	Average=16	0

2021 Air Photo Interpretations

	JIF	Referrals	Project Review	Enforcement	Public	Other Staff	Other	Total
January	19	1	2	0	0	0	0	22
February	11	0	3	1	0	0	0	15
March	22	3	4	0	0	0	4	33
April	35	5	5	0	2	2	0	49
May	20	5	6	0	0	0	1	32
June	19	0	3	3	0	1	0	26
July	17	3	1	2	1	0	0	24
August	4	0	5	1	0	0	0	10
September	23	5	3	0	1	0	0	32
October	21	2	4	0	0	0	0	27
November	24	4	0	2	1	1	1	33
December	26	28	4	1	5	4	1	69
Yearly Total	241	56	40	10	10	8	7	372

COMMITTEE AND ORGANIZATIONAL AFFILIATIONS

Committee and Working Groups

- Lake Champlain Technical Advisory Committee Meeting, January 9 (L. Walrath)
- DOT Wetland Mitigation Agreement, January 14 (K. Regan, M. O'Dell, K. McKean)
- APIPP Aquatic Invasive Species Partner Discussion, February 9 (K. Regan)

- APIPP Terrestrial Invasive Species Partner Discussion, February 10 (K. Regan)
- Lake Champlain Basin Program Streamwise Assessment Program meeting and review of draft documents, February and March (L. Walrath)
- New York State Interagency Climate Adaptation and Resilience Work Group meeting, April 2 (K. Regan)
- Lake Champlain Basin Program Technical Advisory Committee, April 7 (L. Walrath)
- Lake Champlain Basin Program Stream Wise meeting, April 8 (L. Walrath)
- DOT Wetland Mitigation meeting, April 20 (K. Regan and M. O'Dell)
- Lake Champlain Basin Program Partners Meeting, April 21 (L. Walrath)
- APIPP Spring Partner Meeting, April 29 (K. Regan)
- Lake Champlain Basin Program Economic Valuation of Lake Champlain meeting, May 4 (K. Regan and D. Kelleher)
- Lake Champlain Basin Program Dam Task Force Meeting, May 17 (L. Walrath)
- Lake Champlain Basin Program Technical Advisory Committee Meeting - strategic planning, May 20, June 2 (L. Walrath)
- NYS PRISM Statewide Meeting, June 2 (L. Walrath)
- Adirondack Aquatic Invasive Species Workgroup Meeting, June 28 (L. Walrath)
- NYS PRISM Statewide Meeting, June 30 (L. Walrath)
- Lake Champlain Basin Program Stream Wise meeting, July 14 (L. Walrath).
- Great and Little Chazy Flood and Ice Jam Resiliency Study kick-off meeting, July 28 (L. Walrath).
- LCBP Environmental Resource Mapping Meeting for Rail Corridor (Rapid Response in Event of Oil Spill), August 24 (L. Walrath).
- Adirondack AIS Workgroup Meeting, September 29 (L. Walrath).
- Lake Champlain Basin Program Technical Advisory Committee Meeting, October 6, November 3 (L. Walrath).
- APIPP Strategic Plan Meeting, October 13 (L. Walrath).
- Lake Champlain Basin Program AIS Rapid Response Task Force, October 15 (L. Walrath).
- APIPP Partner Meeting, November 4 (K. Regan).
- Lake Champlain Basin Program AIS Rapid Response Task Force, November 4 (L. Walrath).
- Paul Smiths College Adirondack Watershed Institute Program Advisory Committee for LCBP Grant, November 22 (L. Walrath).
- Participated in APIPP Strategic Planning Meeting, November 29 (L. Walrath).
- Lake Champlain Basin Program Technical Advisory Committee Meeting, December 1 (L. Walrath).
- Adirondack AIS Workgroup Meeting, December 8 (L. Walrath).
- Adirondack Council meeting on 2050 Vision report, December 9 (K. Regan).
- APIPP Strategic Plan Meeting, December 20 (L. Walrath).
- Lake Champlain Basin Program AIS Rapid Response Task Force Meeting, December 21 (L. Walrath).

Education and Outreach

- Outreach with multiple Lake Owner Associations, multiple dates (L. Walrath).
- Presentation to Lake George Park Commission on Herbicide treatment of Minerva Lake, April 27 (L. Walrath).
- Outreach with multiple Lakeowner Associations (L. Walrath).
- Guest teacher of wetland delineation techniques for SUNY Plattsburgh's Wetland Ecology and Management class, September 9 (M. O'Dell).
- Met with Raquette Lake Preservation Foundation to review draft watershed management plan, October 22 (L. Walrath).
- Review Raquette Lake Water Quality with new watershed steward Blake Newmann (Adk Council), November 19 (L. Walrath).

Conferences and Training for Staff

- Wetland Mapping Consortium Webinar: Minnesota and Wisconsin LiDAR Mapping Techniques, January 19 (M. O'Dell).
- APIPP webinar: Planning for the Emerald Ash Borer – Best Practices for Managing Adirondack Ash Woodlands, January 26 (A. Ziemann).
- Association of State Wetland Managers Webinar: Using Drone Technology to Support Wetland Work, January 27 (M. O'Dell and K. Regan).
- NYSDEC Division of Fish & Wildlife webinar: Right-sizing Stream Crossings for Fish, Wildlife, and Resiliency, January 28, 2021 (K. Regan).
- Adirondack Research Consortium: Enduring Footprints in the ADK's; Legacies of geology and forest history in the Park, March 5 (A. Ziemann).
- Society of American Foresters Online Course: Physical Science of Forests, Climate Regulation and Carbon Storage, March 17 (A. Ziemann).
- Symposium by Adirondack Experience: APA @ 50 (K. Regan).
- Webinar: Release of the Lake Champlain State of the Lake report, June 23 and 24 (L. Walrath).
- NIASMA Webinar training Best Management Practices for Pesticide Applications, July 21 (L. Walrath).
- NYSDEC Adirondack Inventory and Monitoring Camera Trap network meeting, August 23 (M. O'Dell and K. McKean).
- Hudson River Estuary Program's Protecting Wildlife Habitat through Land Use Planning webinar, December 7 (M. O'Dell).

PERMITTING

- Discussion with DOT on General Permit for culverts, January 12.
- Review of APA application for Solar Generation Facilities.
- Discussions with DEC on the Remsen Lake Placid rail-trail.
- Discussions with DOT and DEC to discuss wetland mitigation.

Other

- Interagency discussions on controlling aquatic invasive species on Forest Preserve.
- Interagency discussions on developing Wetland Bank for DOT projects.

ADMINISTRATION**Reporting**

- Submitted 2020 Annual Report.
- Submitted weekly and monthly reports.

Agency Coordination/Efficiency

- Participated in Management and Staff calls.
- Participated in Coordination Action Response working group calls.
- Participated in Agency DOT Jurisdictional Inquiry Working group calls.
- Participated in DOT coordination calls.
- Assisting State Land Staff with various projects and consultations.

Other

- Participated in COVID-19 Vaccination efforts in Plattsburgh.
- Reviewed the Inter-Agency Guidelines for Implementing Best Management Practices to Control Invasive Species on DEC Administered Lands of the Adirondack Park.
- Web page review and modifications.