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President: Andrew A. Rosenberg, Ph.D.

Marine Stewardship Council Surveillance Announcement

Name of Fishery	Waterhen Lake Walleye and Northern Pike commercial gillnet fishery	
Surveillance level and type	<p>Level 4, off-site</p> <p>Following certification, the surveillance level was designated as a Level 6 (four on-site surveillances) because of a surveillance score of 5 (as per CR v1.3). The surveillance level was changed to Level 5 (three on-site and one off-site surveillances) after the first surveillance and the introduction of FCR v2.0. Since the surveillance audit and reassessment site visit will not be synced, MRAG Americas is holding an off-site surveillance audit. The on-site reassessment site visit will be announced at a later date and will likely be held in early January. If any stakeholder wishes to have an in-person meeting as part of this surveillance audit, it can be arranged to occur during the site visit.</p>	
Surveillance number (tick one)	1st Surveillance	
	2nd Surveillance	
	3rd Surveillance	
	4th Surveillance	X
	Other (expedited etc.)	
Proposed Team Leader	<p>Ms. Jodi Bostrom joined MRAG Americas as a Senior Fisheries Consultant and MSC Fisheries Program Manager in mid-2015. Prior to joining MRAG Americas, she spent five years working at the Marine Stewardship Council (MSC) in London as a Senior Fisheries Assessment Manager. Among many other things, she developed the MSC's benthic habitats policy and the Consequence Spatial Analysis (a risk-based framework for assessing habitat impacts in data-deficient situations) as part of the MSC Standard revision. Prior to the MSC, Jodi spent 11 years with the National Academy of Sciences' Ocean Studies Board in Washington, DC. She received an M.Sc. in Environmental Science at American University in 2006 and a B.Sc. in Zoology at the University of Wisconsin in 1999. Jodi's main areas of work at MRAG Americas are serving on MRAG Americas' MSC fisheries assessment teams and reviewing MSC assessment reports for technical quality and compliance. She has particular experience in the Principle 2 components of the MSC Standard.</p> <ul style="list-style-type: none"> • She has an appropriate university degree and more than five years' experience in management and research in fisheries; • She has passed the MSC team leader training; • She has the required competencies described in Table PC1, section 2; • She has passed the MSC Traceability training module; 	

	<ul style="list-style-type: none"> • She has undertaken two fishery assessments as a team member in the last five years, and • She has experience in applying different types of interviewing and facilitation techniques and is able to effectively communicate with clients and other stakeholders. <p>In addition, she has the appropriate skills and experience required to serve as a Principle 2 assessor as described in FCR Annex PC table PC3.</p> <p>MRAG Americas confirms that Ms. Bostrom has no conflicts of interest in relation to the fishery under assessment.</p>
<p>Proposed team members</p>	<p>Mr. Tom Jagielo has a wide breadth of experience in fisheries science and habitat studies in marine and freshwater systems. He has been a consultant in quantitative fisheries science since 2008. Previously he served for 24 years with the Washington Department of Fish and Wildlife, and 6 years with the Fisheries Research Institute at the University of Washington in Seattle. He has specialized in groundfish stock assessment and survey design, to assess marine fish populations for sustainable fisheries management. He has produced groundfish stock assessments for the Pacific Fishery Management Council, including analysis of lingcod, black rockfish, and yelloweye rockfish populations. Tom has experience working with government agencies, commercial and recreational fisheries groups, Native American tribes, community organizations, and both national and international advisory groups. He has received appointments to the Scientific and Statistical Committee of the Pacific Fishery Management Council, the Technical Subcommittee of the US-Canada Groundfish Committee, and the Pacific Coast Ocean Observation System. He has published in peer-reviewed journals and symposium proceedings, and has presented papers at national and international meetings. Tom received a B.S. degree in Biology from the Pennsylvania State University, and a M.S. degree in Fisheries from the University of Washington, where he also conducted post M.S. graduate studies in fisheries population dynamics and parameter estimation. Tom has served as an MSC Team Member and Peer Reviewer for fish populations in Europe, Australia, New Zealand and the US.</p> <p>MRAG Americas confirms that Mr. Jagielo meets the competency criteria in Annex PC for team members as follows:</p> <ul style="list-style-type: none"> • He has an appropriate university degree and more than five years' experience in management and research in fisheries, • He has undertaken at least two MSC fishery assessments or surveillance site visits in the last five years • He is able to score a fishery using the default assessment tree and describe how conditions are set and monitored. <p>In addition, he has the appropriate skills and experience required to serve as a Principle 1 assessor as described in FCR Annex PC table PC3, and MRAG Americas confirms he has no conflicts of interest in relation to the fishery under assessment.</p> <p>Dr. Sara Adlerstein Gonzalez has been a research faculty at the School of Natural Resources and Environment (SNRE) at the University of Michigan for 17 years. She obtained MS degrees in Biology at the University of Concepcion, Chile, and MS and PhD in Fisheries at the University of Washington. She has worked in academia (University of Hamburg in Germany)</p>

	<p>as well as in organizations devoted to fisheries management (Chilean Fishery Ministry, the International Pacific Halibut Commission) and as an expert on ecosystem effect of fisheries for a number of Marine Stewardship Council certifications for sustainable fisheries. Most recently she participated in the assessment of Lake Erie commercial fisheries and Chilean shrimp fisheries.</p> <p>She teaches statistics, applied ecology and classes that explore multilayer relationships between culture and the environment. Her research programme is centred on applied aquatic ecology, with emphasis on population assessments and ecosystem dynamics with the goals of: (i) improving monitoring and increasing the value of available information; (ii) understanding processes that determine distribution and abundance of aquatic organisms; and (iii) quantifying responses of aquatic communities to stressors and management. Major contributions of her research are in applications for management, including diagnostics of environmental quality and advances in concepts related to fish movement and ecosystem food web models.</p> <p>MRAG Americas confirms that Dr. Adlerstein Gonzalez meets the competency criteria in Annex PC for team members as follows:</p> <ul style="list-style-type: none"> • She has an appropriate university degree and more than five years' experience in management and research in fisheries, • She has undertaken at least two MSC fishery assessments or surveillance site visits in the last five years • She is able to score a fishery using the default assessment tree and describe how conditions are set and monitored. <p>In addition, she has the appropriate skills and experience required to serve as a Principle 3 assessor as described in FCR Annex PC table PC3, and MRAG Americas confirms she has no conflicts of interest in relation to the fishery under assessment.</p> <p>The whole assessment team collectively meets the requirements as described in FCR Annex PC table PC3.</p>
<p>Audit/review time and location</p>	<p>The surveillance will take place remotely on 17 December 2018.</p>
<p>Assessment/review activities</p>	<p>The surveillance will review any changes in science and management and will monitor progress in closing out conditions.</p>

MRAG Americas invites stakeholders to provide any information considered relevant, including knowledge and concerns about the fishery, to the surveillance and expedited assessments of the fisheries. Unless covered by FCR 4.4.1 any information that cannot be shared with other stakeholders even under a confidentiality agreement shall not be: referenced in the surveillance audit, used to determine the surveillance audit outcome or used as the basis for an objection to certification. The MSC has developed a guide for stakeholder input, available at <https://www.msc.org/what-you-can-do/engage-with-a-fishery-assessment> and a template for stakeholder response available at

https://20.msc.org/docs/default-source/default-document-library/stakeholders/msc-template-for-stakeholder-input-v2-0.doc?sfvrsn=b6409075_4 .

You may use the template or provide your response in any other format. All comments and inquiries should be directed to MRAG Americas. MRAG will schedule meetings with stakeholders if requested. To schedule a meeting please provide:

- your name and contact details
- your association with the fishery
- the issues you would like to discuss
- where and when you would like to meet

We request that stakeholders provide written information or request a meeting by 5pm GMT on 10 December 2018.

More information on the fishery is available at <https://fisheries.msc.org/en/fisheries/waterhen-lake-walleye-and-northern-pike-gillnet-commercial/@@view>.

Please send any documentation, requests for meetings, or inquiries to:

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