

Axio Power Canada Inc./ SunEdison Canada

Water Body Site Investigation Report

For

Norfolk Bloomsburg TS Solar Energy Project

> H335467 Rev. 0 November 25, 2011



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Project Report

November 25, 2011

Axio Power Canada Inc./SunEdison Canada Norfolk Bloomsburg TS - Solar Energy Project

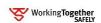
Water Body Site Investigation Report

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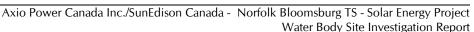
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1. Introduction

1.1 Project Description

Axio Power Canada Inc./SunEdison Canada ("Axio/SunEdison") is proposing to develop a 10 megawatt (MW) solar photovoltaic project titled Norfolk Bloomsburg TS Solar Energy Project (the "Project"). The Project Location¹ is situated on an approximately 29 hectare (ha) parcel of land on Part of Lots 3 and 4, Concession 12, Norfolk County (single tier municipality).

1.2 Legislative Requirements

Ontario Regulation (O. Reg.) 359/09 – Renewable Energy Approvals Under Part V.0.1 of the Act, (herein referred to as the REA Regulation) made under the Environmental Protection Act, came into force on September 24, 2009 and identifies the Renewable Energy Approval (REA) requirements for renewable energy generation facilities in Ontario. The REA Regulation has since been amended by O. Reg. 521/10, which came in effect as of January 1, 2011. This report has been prepared to reflect the amended REA Regulation.

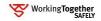
As per the REA Regulation (Part II, Section 4), ground-mounted solar facilities with a nameplate capacity greater than (>) 10 kilowatts (kW) are classified as Class 3 solar facilities and require an REA.

Part IV, subsection 29 (1) of the REA Regulation requires proponents of Class 3 solar projects to conduct a water assessment consisting of a Water Body Records Review (Hatch Ltd., 2011) and a Water Body Site Investigation.

Subsection 1 (1) of the REA Regulation defines a water body as a lake, permanent stream, intermittent stream or seepage area, but does not include:

- a) grassed waterways
- b) temporary channels for surface drainage, such as furrows, or shallow channels that can be tilled or driven through
- c) rock chutes and spillways
- d) roadside ditches that do not contain a permanent or intermittent stream
- e) temporarily ponded areas that are normally farmed
- f) dugout ponds, or
- g) artificial bodies of water intended for the storage, treatment or recirculation of runoff from farm animal yards, manure storage facilities and sites and outdoor confinement areas.

¹ "Project Location means, when used in relation to a renewable energy project, a part of land and all or part of any building or structure in, on or over which a person is engaging in or proposes to engage in the project and any air space in which a person is engaging in or proposed to engage in the project" (O. Reg. 359/09, s. 1 (1)).



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Further, intermittent streams are defined as "a natural or artificial channel, other than a dam, that carries water intermittently and does not have established vegetation within the bed of the channel, except vegetation dominated by plant communities that require or prefer the continuous presence of water or continuously saturated soils for their survival" (O. Reg. 359/09).

Seepage areas are defined as "a site of emergence of groundwater where the water table is present at the ground surface, including a spring" (O. Reg. 359/09).

Subsection 31 (1) requires an investigation of the land and water within 120 metres of the Project Location, either by visiting the site or by alternative investigation of the site, in order to determine the following:

- (a) whether the results of the analysis summarized in the Water Body Records Review Report (Hatch Ltd., 2011) prepared under subsection 30 (2) are correct or require correction, and identifying any required corrections;
- (b) whether any additional water bodies exist, other than those that were identified in the Water Body Records Review Report (Hatch Ltd., 2011) prepared under subsection 30 (2);
- (c) the boundaries, located within 120 m of the Project location, of any water body that was identified in the Water Body Records Review Report (Hatch Ltd., 2011) or the site investigation; and
- (d) the distance from the Project location to the boundaries determined under clause (c). O.Reg. 359/09, s. 31 (1); O. Reg. 521/10, s. 18 (1).

Subsection 31 (2) has specific requirements if designated lake trout lakes are present within 300 m of the Project location. Since the Water Body Records Review Report (Hatch Ltd., 2011) did not identify any lake trout lakes within 300 m of the Project Location, the requirements under subsection 31 (2) do not apply.

Subsection 31 (3) states that the person mentioned in subsection (1) may, for the purpose of subsection (1) or (2), conduct an alternative investigation of the site only if he or she determines that it is not reasonable to conduct a site investigation by visiting the site. O. Reg. 521/10, s. 18 (2). The site investigation completed for this Project involved visiting the site. Therefore, the requirements for completing an alternative investigation of the site do not apply to this Project.

Subsection 31 (4) requires the proponent to prepare a report setting out the following with respect to the land and water in respect of which any site investigation was conducted:

- 1. A summary of any corrections to the Water Body Records Review Report (Hatch Ltd., 2011) and the determinations made as a result of conducting the site investigation.
- 2. Information relating to each water body identified in the Water Body Records Review Report (Hatch Ltd., 2011) and in the site investigation, including the type of water body, plant and animal composition and the ecosystem of the land and water investigated.





- 3. A map showing,
 - i. the boundaries mentioned in clause 31 (1) (c),
 - ii. the location and type of each water body identified in relation to the Project Location, and
 - iii. all distances mentioned in clause 31 (1) (d).
- 4. A summary of methods used to make observations for the purposes of the site investigation.
- 5. The name and qualifications of any person conducting the site investigation.
- 6. If an investigation was conducted by visiting the site:
 - i. the dates and times of the beginning and completion of the site investigation.
 - ii. the duration of the site investigation.
 - iii. the weather conditions during the site investigation
 - iv. field notes kept by the person conducting the site investigation
- 7. If an alternative investigation of the site was conducted:
 - i. the dates of the generation of the data used in the site investigation.
 - ii. an explanation of why the person who conducted the alternative investigation determined that it was not reasonable to conduct the site investigation by visiting the site. O. Reg. 521/10, s. 18 (2).

Subsection 31 (5) requires the proponent to submit the report prepared under subsection 31 (4) as part of an application for the issue of a renewable energy approval. O. Reg. 521/10, s. 18 (2).

This Water Body Site Investigation Report has been prepared to meet the requirements under Section 31. A physical examination of the site was completed and any requirements under Section 31 related to an alternative investigation of the site do not apply to this Project and will not be included in this report.





2. Summary of Results of Records Review

Table 2.1 summarizes the results of the Water Body Records Review Report (Hatch Ltd., 2011).

Table 2.1 Summary of Records Review Determinations

Determination to be Made	Yes/No	Description
Is the Project Location in a water body?	No	No part of the Project will be constructed within a water body.
Is the Project Location within 120 m of the average annual high water mark of a lake, other than a lake trout lake that is at or above development capacity?	Yes	The OBM mapping identified a pond approximately 70 m west of the Project Location. The presence of this pond will be confirmed during the site investigation and assessed to determine if it meets the definition of a water body as defined in the REA Regulation. No other lakes are present in the study area.
Is the Project Location within 300 m of the average annual high water mark of a lake trout lake that is at or above development capacity?	No	No lake trout lakes are present in the study area.
Is the Project Location within 120 m of the average annual high water mark of a permanent or intermittent stream?	Yes	The NRCAN topographic mapping shows a tributary of Davis Creek south of the Project Location, within the 120 m setback. This drainage feature appears to be an intermittent stream; however, this is not identified on the OBM mapping.
Is the Project Location within 120 m of a seepage area?	No	No seepage areas were identified during the Records Review.

Therefore, based on the information obtained in the Water Body Records Review Report (Hatch Ltd., 2011), a site investigation is required to verify the water features within 120 m of the Project Location. The following sections outline the methodology and results of the site investigation as per the requirements of the REA Regulation.





3. Site Investigation Methodology

A water body site investigation was completed for this Project, as described in the following sections.

3.1 Site Investigation

3.1.1 Date, Time and Duration of Site Investigation

Date: October 2, 2010

• Start Time: 15:00 hours

• Duration: approximately 1 hour.

3.1.2 Weather Conditions During Site Investigation

Temperature: 10°C

Beaufort Wind: 1 (0 to 5.5 km/h)

Cloud Cover: 70%

Rainfall on day of site investigation: No

• Rainfall in days preceding site investigation: Yes, the previous day.

3.1.3 Name and Qualifications of Person Conducting Site Investigation

The site investigations were completed by Paul Ashley of Hatch Ltd.

Paul Ashley, M.Sc. is a senior ecologist with Hatch. Paul has wide-ranging experience working in terrestrial and wetland landscapes. He has led many management and rehabilitation projects related to forests, savannahs, wetlands and riparian corridors. While doing so he has worked with representatives from all tiers of government, NGO's, universities and the private sector. Paul joined Hatch in 2010 and is actively involved in the Renewable Energy Approval process for various solar photovoltaic projects throughout Ontario.

3.2 Survey Methods

The lands on and within 120 m of the Project Location were searched by the observer on foot in order to document waterbodies. Photographs of the Project (i.e. on and within 120 m of the Project Location) were taken. The observer's notes typically include the type of water body, instream habitat types, surrounding riparian areas, average annual high water mark and wildlife use as well as geographic coordinates at representative areas of the average annual high water mark for waterbodies on and within 120 m of the Project Location. A copy of the field notes kept by the observer during the site investigations is provided in Appendix A.





4. Results of Site Investigation

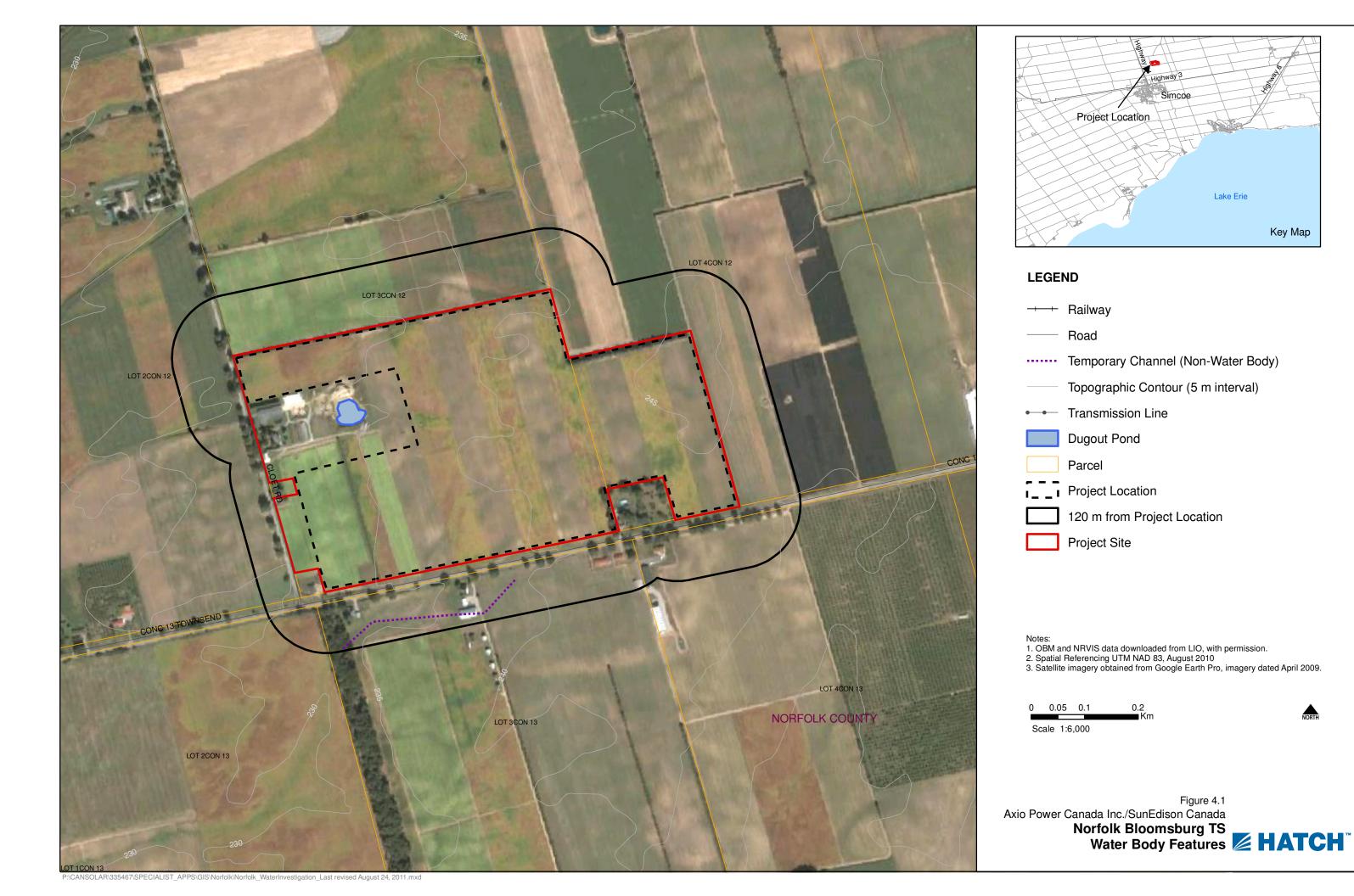
This section documents the results of the site investigation and discusses specific water features observed on and within 120 m of the Project Location. Water features confirmed to be on or within 120 m of the Project Location are shown in Figure 4.1.

4.1 General Site Description

The Project Location is bounded to the west by Cloet Road and to the south by Concession 13 Road. Properties adjacent to the site are active agricultural lands associated with farmsteads and rural residential dwellings present along Cloet and Concession Roads. The Project Location is comprised of agricultural lands used for the production of row crops (at the time of the site investigation, the land was planted entirely with soybean), as is the surrounding area. The areas adjacent to the Project Location that are not in agricultural production are comprised of small hedgerows as well as natural and man-made water bodies.

The water features identified on and within 120 m of the Project Location are discussed in the following sections. These include the intermittent tributary of Davis Creek identified on NRCAN topographic mapping, and a dug pond located within 120 m of the Project Location. No lakes or grassed waterways, drainage ditches, channels or seepage areas were identified on or within 120 m of the Project Location.







4.2 Permanent or Intermittent Streams

Subsection 1 (1) of O. Reg. 359/09 defines permanent stream as "a stream that continually flows in an average year" and intermittent stream as "a natural channel, other than a dam, that carries water intermittently and does not have established vegetation within the bed of the channel, except vegetation dominated by plant communities that require or prefer the continuous presence of water or continuously saturated soil for their survival."

The Water Body Records Review Report (Hatch Ltd., 2011) identified a tributary of Davis Creek along the southern boundary of the Project Location, within the 120 m setback. The results of the site investigation as it relates to this water feature is discussed in the following section.

4.2.1 Tributary of Davis Creek

The NRCAN topographic mapping shows a tributary of Davis Creek south of the Project Location, within the 120 m setback (Hatch Ltd., 2011). As mentioned in the Water Body Records Review Report (Hatch Ltd., 2011), this drainage feature was not identified on the OBM mapping.

A site investigation, completed on October 2, 2010, determined that the drainage feature identified on the NRCAN topographic mapping does not exist on or within 120 m of the Project Location. Antecedent moisture conditions during the site investigation were fairly high as it had rained the previous day and the fields were wet but no evidence of a permanent or intermittent stream was found. The rolling topography where this drainage feature is shown on the NRCAN mapping is actively used for the production of row crops. Although this area has a natural slope in the topography that would naturally convey water during heavy precipitation events, there was no defined channel or established vegetation that would characterize this as a permanent or intermittent stream. Temporary channels for surface drainage, such as furrows or shallow channels that can be tilled and driven through and temporarily ponded areas that are normally farmed do not meet the definition of a water body according to subsection 1 (1) of the REA Regulation. A photograph showing the location where this drainage feature is depicted on the NRCAN topographic mapping is provided in Figure 4.2.







Figure 4.2 Photograph of the agricultural field where the tributary of Davis Creek is shown on the NRCAN mapping

Based on the results of the site investigation, the drainage feature identified on the NRCAN mapping does not exist and therefore does not meet the definition of a water body as defined in subsection 1 (1) of the REA Regulation. There were no water features observed on or within 120 m of the Project Location.

4.3 Lakes

The Water Body Records Review Report (Hatch Ltd., 2011) identified a pond located approximately 70 m west of the Project Location, within the 120 m setback. A site investigation, completed on October 2, 2010, confirmed the presence of this pond, however, determined that it does not meet the definition of a water body as defined in subsection 1 (1) of the REA Regulation. This water feature is described further in section 4.5.1.

4.4 Seepage Areas

The information sources reviewed in the Water Body Records Review Report (Hatch Ltd., 2011) did not identify any seepage areas on or within 120 m of the Project Location. This information was confirmed during a site investigation completed on October 2, 2010.





4.5 Other Water Features

Other water features observed during the site investigation that do not meet the definition of a water body are discussed below.

4.5.1 Dugout Pond

As mentioned in Section 4.3, the site investigation confirmed the presence of a pond approximately 70 west of the Project Location, within the 120 m setback. This pond was identified in the Water Body Records Review Report (Hatch Ltd., 2011), however, the site investigation determined that it is not a lake, but rather a dugout pond and does not meet the definition of a water body.

The dugout pond is approximately 50 m long, 25 m wide and 10 m deep. There was no water or aquatic vegetation observed within the dugout pond during the time of the site investigation. A photograph of the dugout pond is provided in Figure 4.3.



Figure 4.3 Photograph of Dry Dugout Pond near the Northwest Portion of Project Location

Based on the results of the site investigation, the water feature identified during the site investigation is described as a dugout pond. Dugout ponds are not considered a water body as defined in subsection 1 (1) of the REA Regulation. No other water features were observed on or within 120 m of the Project Location. Therefore, there are no specific setback requirements for development in proximity to this feature.





5. Conclusions

Subsection 31 (1) of the REA Regulation requires that the Water Body Site Investigation Report include a summary of any corrections to the Water Body Records Review Report (Hatch Ltd., 2011) and the determinations made as a result of conducting the site investigation. The following table identifies the corrections required (if any) and determinations made for the water features identified in the *Water Body Records Review Report* (Hatch Ltd., 2011) and documented during the site investigation (Table 5.1).

 Table 5.1
 Summary of the Determinations Made as a Result of the Site Investigation

Determination to be Made	Yes/No	Corrections Required?
Is the Project Location in a water body?	No	The results of the site investigation have determined that there are no corrections required to the Water Body Records Review Report (Hatch Ltd., 2011) with respect to water bodies on the Project Location.
Is the Project Location within 120 m of the average annual high water mark of a lake, other than a lake trout lake that is at or above development capacity?	No	The results of the site investigation have determined that the following corrections are required to the Water Body Records Review Report (Hatch Ltd., 2011): the pond identified along the western boundary of the Project Location, within the 120 m setback, is described as a dugout pond and therefore does not meet the definition of a water body according to the REA Regulation.
Is the Project Location within 300 m of the average annual high water mark of a lake trout lake that is at or above development capacity?	No	The results of the site investigation have determined that there are no corrections required to the Water Body Records Review Report (Hatch Ltd., 2011) with respect to lakes within 120 m of the Project Location.
Is the Project Location within 120 m of the average annual high water mark of a permanent or intermittent stream?	No	The results of the site investigation have determined that the following corrections are required to the Water Body Records Review Report (Hatch Ltd., 2011): the drainage feature shown on the NRCAN mapping does not exist within 120 m of the Project Location.
Is the Project Location within 120 m of a seepage area?	No	The results of the site investigation have determined that there are no corrections required to the Water Body Records Review Report (Hatch Ltd., 2011) with respect to seepage areas.

As shown on Figure 4.1 and summarized in Table 5.1., there are no water bodies on or within 120 m of the Project Location. As a result, a Water Body Environmental Impact Study is not required.





6. References

Hatch Ltd. 2011. Norfolk Bloomsburg TS Proposed Solar Photovoltaic Project Water Body Records Review Report. Axio Power Canada Inc./SunEdison Canada. Niagara Falls, Ontario.

Long Point Region Conservation Authority (LPRCA) 2006 Long Point Region Conservation Authority Maps No. 101 and 81 under Ontario Regulation 97/04 Development, Interference with Wetlands, Alterations to Shorelines and Watercourses Ontario Regulation 178/06. On-line at http://www.lprca.on.ca/planning.htm. Accessed August 3, 2010.





Appendix A

Field Investigation Notes





Water Assessment - Site Investigation Field Notes

Project Identification		
Project Name: Nordoll Bloomsb	79. V	
Site Information		
Lot Number: Lots 3+4/	Concession Number:	
Municipality:	County: <u>Norfolk.</u>	
Location:		***************************************
UTM: 17 7 557323.97 E	4747101.27N.	
Latitude: ° '"N	Longitude : °	′′W
Investigator Information Name:		
Title: SENION FORCESIST		
ş		
Company Name: Address: NIACACA FRIES	C11	
Phone:		
General Information Date (Day of the week, m/d/y):/		
Investigation Start Time:		
1,		
Weather Conditions		
Temperature: <u>+ /O</u> ∘C Cloud Cover: <u>7</u>	2 % Beaufort Wind:/	
Rainfall: Y 🗆 N 🗓		
Rainfall in days preceding investigation: Y 🖂 🗖 🗌		
Other:	-	White the state of

Sum	imary of Water Assessment Records	Review	
<u>Is Pr</u>	oject:		
a)	in a water body?	YDND	· · · · · · · · · · · · · · · · · · ·
b)	within 120 m of the average annual high water mark of a lake, other than a lake trout lake that is at or above development capacity?	YOND	
c)	within 300 m of the average annual high water mark of a lake trout lake that is at or above development capacity?	YON	
d)	within 120 m of the average annual high water mark of a permanent or intermittent stream?	YON	
e)	within 120 m of a seepage area?	Y N	
<u>Feat</u>	ures identified in Records Review in nee O intermittent Steam on O irrisation pand	d of confirmat	

Water Bodies Identified in the Records Review

Purpose: To **confirm** or **provide corrections to** the information identified in the Water Assessment Records Review, i.e. location of WB within Project boundaries, distance of WB from the Project boundaries etc.

	Water Bodies wit	hin Project Bo	undaries	
Water Body ID	Location		Notes	
(e.g. lake, stream, seepage			(e.g. size, length, drainage area, plant	
area, pond, drainage ditch,			and animal composition, ecosystem type	
grassed waterway etc.)	South of Pa	ned -	etc.)	
<u> Sheenn</u>		n 5 51,1/2	<u> </u>	
Control of the first	in outter 3	in. <u>3 5/28</u>		
	<u> </u>		Luga della	
			- bone dry, no	
			water	
Lake Trout L	ake – at or above o	levelopment c	apacity – within 300 m	
Lake ID	Distance from Project Boundaries		Notes	
Lakes — other than La	 ke Trout Lakes at o	r above develo	 opment capacity – within 120 m	
Lake ID	Distance from Project Boundaries	Location	Notes	
	rmanent or Interm		 within 120 m	
Stream ID	Distance from Project Boundaries	Location	Notes (e.g. presence of water, riparian and aquatic vegetation, wildlife, high water mark etc.)	
		Others		
Water Body ID	Location / Distance fr	om Project	Notes	
•				

Water Bodies NOT Identified in the Records Review

	Water Bodies within	Project Boundaries
Water Body ID (e.g. lake, stream, seepage area, pond, drainage ditch, grassed waterways etc.)	Location and/or Distance from Project Boundaries	Notes (use the following pages for more detailed notes and descriptions)
<u> </u>		
, , , , , , , , , , , , , , , , , , , ,		

	1	

Site Investigation Observations							
Water Body/Feature ID#_							
Map ID #:							
Location (UTM):	17	7 557479, 12E 4746927.26 N					
	Water Body Type, Morphology, Habitat and Ecosystem Type Descriptors:						
WB Type		Description					
Lake Trout Lake		Description					
at/above dev. capacity							
Lake - other than above							
Permanent Stream		Riffle					
Intermittent Stream	Ø	shown on map but does not exist					
Pond		Natural ☐ Man-made ☐					
Seepage Area		Based on:					
Drainage Ditch		·					
Grassed Waterway							
Other							
Size/Length							
Depth of water (h)							
Wetted width (T)							
High water mark	***************************************	Based on: Vegetation ☐ Top of bank ☐ Other ☐					
Estimate of bank full							
width							
	····						
Substrate Type:	***************************************						
Presence of Riparian Vege	tation:						
Presence of Aquatic Vege							
· · ·							
Presence of Wildlife:							
Other Notes: - phs	105)	taken of field					
		<i>V</i>					
		·					
PANAMANA Andreada And							

Water Body/Feature ID#_	2	2		
Map ID #:	2			
Location (UTM):				
Water Body Type, Mo	orpholo	ogy, Habitat and	Ecosystem Type Desc	criptors:
WB Type			Description	1
Lake Trout Lake				
at/above dev. capacity				
Lake - other than above		5:00		I D ItT
Permanent Stream		Riffle □	Run	Pool
ntermittent Stream	L			
Pond		Natural □	Man-mad ç∕€ [
Seepage Area		Based on:		
Drainage Ditch				
Grassed Waterway				
Other				
Size/Length				
Depth of water (h)				
Wetted width (T)				
High water mark		Based on: Vegeta	tion 🔲 Top of bank 🗌 Othe	r 🔲
Estimate of bank full width				

	i Sidologia (
Substrate Type:	Westland			
Presence of Riparian Vege	tation:			
Presence of Aquatic Veget	ation:			
Presence of Wildlife:	••••••			
THE THE PERSON OF THE PERSON O				
Other Notes: Dane		* 30 A	deep but	ofgefall.
Other Notes: Work			- Company	
<u>org:</u>				

Water Body/Feature ID#			***************************************	
Map ID #:	·····			
Location (UTM):				

Water Body Type, M	orpholo	gy, Habitat and	Ecosystem Type Des	scriptors:
WB Type			Descriptio	n
Lake Trout Lake				
at/above dev. capacity Lake - other than above				
Permanent Stream		Riffle □	Run	Pool□ .
Intermittent Stream		Kime	KunL	1 001
Pond		Natural □	Man-made□	
Seepage Area		Based on:	Maii-maueLJ	
seepage Area	Ш	based on:		
Drainage Ditch				
Grassed Waterway				
Other			·	
Size/Length	2,255101, 3, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,		ang ang at taon ta a can canal ang ang ang ana ang ang ang ang ang ang	200 HARDET I SANSAS SER HARIN HARDESE ET HILL MEDIE ALEN MEN LA LA VILLEA
Depth of water (h)				
Wetted width (T)				
High water mark		Based on: Vegetat	ion 🔲 Top of bank 🔲 Oth	er 🗍
Estimate of bank full				8
width				
Substrate Type:				
Presence of Riparian Vege	otation.		***************************************	
Fresence of Kiparian, veg	etation:			
Presence of Aquatic Vege	tation:	***************************************		
**·				
Presence of Wildlife:				
O.1				
Other Notes:				
				·
MANAGARANAN PARAAN WARAN WARAN MANAGARAN ANAMAN				

Map ID #:			<u></u>				
Location (UTM):				ion Pool			
Water Body Type, M	ter Body Type, Morphology, Habitat and Ecosystem Type Descriptors:						
WB Type			Description	1			
Lake Trout Lake at/above dev. capacity							
Lake - other than above							
Permanent Stream		Riffle □	Run□	` Pool□			
Intermittent Stream							
Pond		Natural □	Man-made□				
Seepage Area		Based on:					
Drainage Ditch							
Grassed Waterway							
Other				v			
Size/Length			1.000				
Depth of water (h)							
Wetted width (T)							
High water mark	***************************************	Based on: Vegeta	tion 🗌 Top of bank 🗌 Othe	r 🔲			
Estimate of bank full							
width							
	1						
Substrate Type:							
Presence of Riparian Veg	etation:						
Presence of Aquatic Vege	etation:						
Presence of Wildlife:							
Other Notes:							
		· · · · · · · · · · · · · · · · · · ·					
	,.						

Water Body/Feature ID#

Water Body/Feature ID#								
Map ID #:								
Location (UTM):								
PACCOCCA CONTROL CONTR								
Water Body Type, Morphology, Habitat and Ecosystem Type Descriptors:								
WB Type			Description	n				
Lake Trout Lake								
at/above dev. capacity Lake - other than above			***************************************					
Permanent Stream		 Riffle □	Run	Pool				
Intermittent Stream		КинеП	Nuntai	FOOIL				
Pond		Natural 🗌	Man-made□					
Seepage Area		Based on:	Man-made					
<i>Эесраве Ліва</i>		based on:						
Drainage Ditch								
Grassed Waterway								
Other								
Size/Length			200 Mary 100	omen 1112 (19 m) 1700 (19 5) (19 5) (19 5) (19 5) (19 5) (19 5) (19 5) (19 5) (19 5) (19 5) (19 5) (19 5) (19 5				
Depth of water (h)								
Wetted width (T)	**************************************							
High water mark		Based on: Vegeta	tion 🔲 Top of bank 🗌 Othe	er 🗌				
Estimate of bank full width	44,41							

Substrate Type:								
Presence of Riparian Vegetation:								
Presence of Aquatic Vege	tation:							
Presence of Wildlife:			——————————————————————————————————————					
		, ,						
Other Notes:								

	·····							

Map ID #: Location (UTM): Water Body Type, Mo									
Water Body Type, Mo									
	Water Body Type, Morphology, Habitat and Ecosystem Type Descriptors:								
WB Type			Description						
Lake Trout Lake				·					
at/above dev. capacity Lake - other than above									
Permanent Stream		Riffle 🗆	 Run⊡	Pool□					
		Kime L	KUILI	I OOIL					
Intermittent Stream		>	I Marian de l'I						
Pond		Natural 🗌	Man-made□						
Seepage Area		Based on:							
Drainage Ditch									
Grassed Waterway									
Other									
Size/Length		<u> </u>	A CONTRACTOR OF THE CONTRACTOR						
Depth of water (h)									
Wetted width (T)				***************************************					
High water mark		Based on: Vegeta	tion 🔲 Top of bank 🔲 Other						
Estimate of bank full width			•						
Substrate Type:									
Presence of Riparian Veget	ation:								
Presence of Aquatic Vegeta	ation:								
Presence of Wildlife:									
Other Notes:	la klen	of area	of interior tex	t shan					
+ due wit		roll	16681						
- Grand in		2 druge	P.1/688 222	Can Sylan					

