

RECEIVED

MAR 03 2014

2/27/2014

WA State Department
of Ecology (SWRO)

To Whom It May Concern:

This letter shows water use data for the Golf Club at Hawks Prairie. There are three separate wells being monitored. The wells include BBP-643, ABH-211 and ABH-327. Please see attached information. If you have any questions, please feel free to call (360) 870-3246.

Rick Hancock
Golf Course Superintendent

Links

BBP-643

Date	Level (feet)	Meter (Gallons)	Pump On/Off
5/4/2012	205.5	-	-
5/11/2012	220.0	29,540,900	Off
5/18/2012	252.5	30,342,500	Off
5/25/2012	207.5	30,650,900	Off
6/1/2012	208.8	31,808,100	Off
6/8/2012	209.3	31,808,100	Off
6/15/2012	212.3	31,808,100	Off
6/22/2012	256.0	34,068,600	On
6/29/2012	214.5	34,326,200	Off
7/6/2012	255.0	34,764,000	On
7/13/2012	220.0	37,577,200	Off
7/20/2012	216.5	38,501,000	Off
7/27/2012	220.0	40,003,300	Off
8/3/2012	221.0	42,458,500	Off
8/10/2012	220.0	44,855,300	Off
8/17/2012	259.5	47,663,500	On
8/24/2012	219.7	49,781,900	Off
8/31/2012			
9/7/2012			
9/14/2012			
9/21/2012			
9/28/2012			
10/5/2012			
10/12/2012			
10/19/2012			
10/26/2012			
11/2/2012			
11/9/2012			
11/16/2012			
11/23/2012			

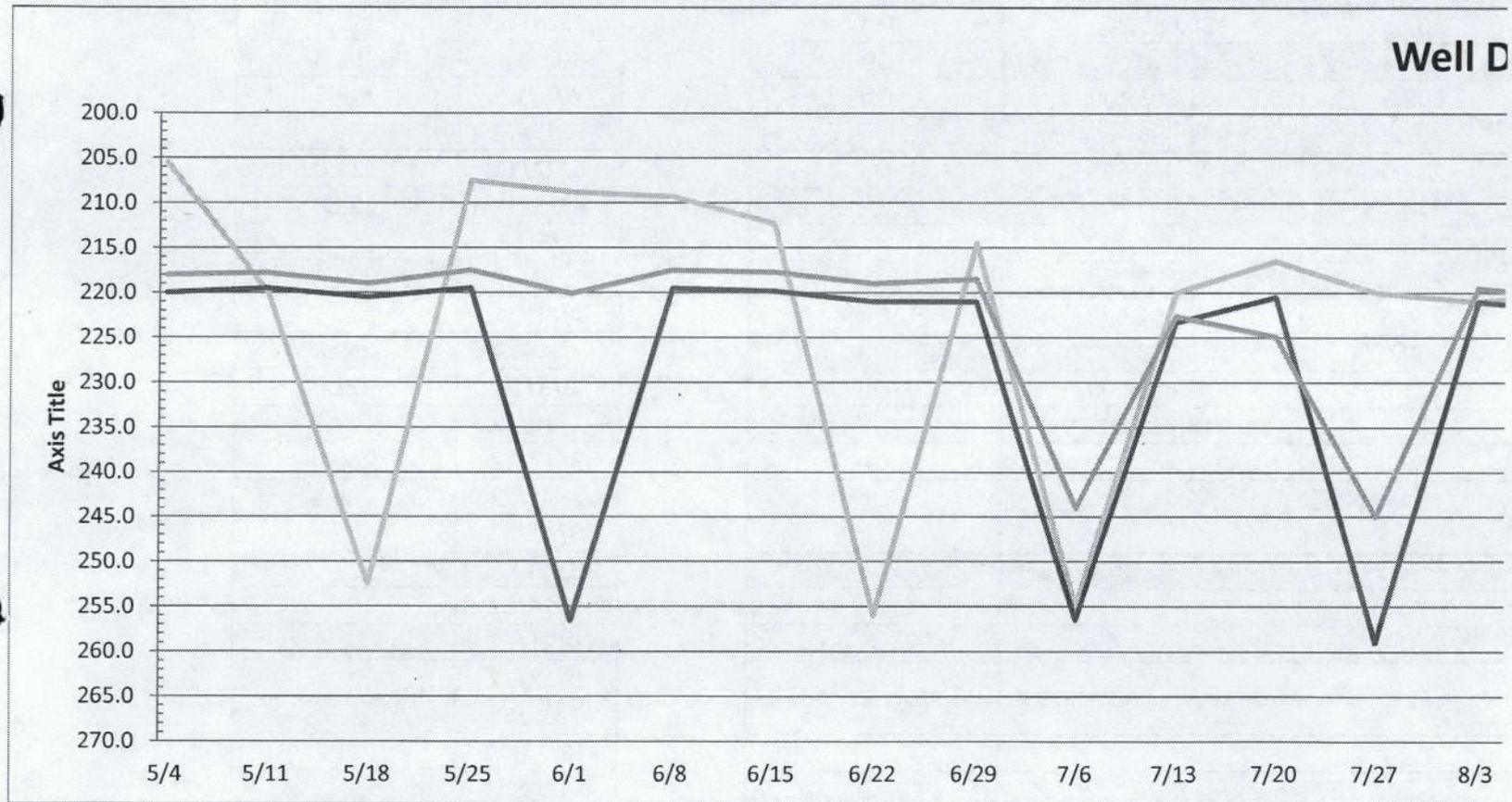
Links Course data ~~2~~
 rec'd 9-7-12 via e-mail attachment mp

Date	Level (feet)
5/4/12	220.0
5/11/12	219.5
5/18/12	220.5
5/25/12	219.5
6/1/12	256.6
6/8/12	219.5
6/15/12	219.8
6/22/12	221.0
6/29/12	221.0
7/6/12	256.5
7/13/12	223.3
7/20/12	220.5
7/27/12	259.0
8/3/12	221.0
8/10/12	222.0
8/17/12	260.0
8/24/12	224.3
8/31/12	
9/7/12	
9/14/12	
9/21/12	
9/28/12	
10/5/12	
10/12/12	
10/19/12	
10/26/12	
11/2/12	
11/9/12	
11/16/12	
11/23/12	

Cell # 62-28621

11/30/2012			
12/7/2012			
12/14/2012			
12/21/2012			
12/28/2012			
Total Usage	20,241,000		

11/30/12	
12/7/12	
12/14/12	
12/21/12	
12/28/12	
Total Usage	



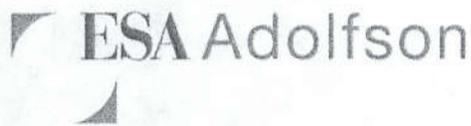
Water use data for The Links

	2000	2001	2009	2010
March	0	5,778,647	0	0
April	1,789,998	9,070,528	0	0
May	7,636,848	14,436,388	4,485,346	221,382
June	13,421,440	14,467,338	12,591,612	1,883,934
July	19,190,084	15,081,027	16,164,243	11,265,334
August	18,286,033	13,204,778	7,668,868	9,638,894
September	7,586,757	8,809,130	3,568,938	2,715,397
October	1,681,051	1,856,588	1,804,791	0
TOTAL Gals	69,592,211	82,704,424	46,283,798	25,724,941
<i>Acre-feet</i>	213.57	253.81	142.04	78.95

*Based on pump service records dating from original install of 6/18/98 to 3/30/2001, the total gallons pumped was 186,162,719. This is an average of 62,054,239 gallons. This covers irrigation use for 1998, 1999 and 2000.
(170 AF)

Data not entered in database - predates meter install date of 12/10/2010
 EIA
 No 2011 data





5309 Shilshole Avenue NW
Suite 200
Seattle, WA 98107
206.789.9658 phone
206.789.9684 fax

www.adolfson.com

RECEIVED

MAR 22 2010

WA State Department
of Ecology (SWRO)

February 25, 2010

Mr. Glenn Hirai
Oki Golf
1416 - 112th Avenue NE
Bellevue, WA 98004

RE: Golf Club at Hawks Prairie Well Monitoring Results - The Links

Dear Glenn:

As requested, ESA Adolfson (Adolfson) has continued to conduct monthly ground water level monitoring and quarterly chloride monitoring throughout 2009 from the well located at The Links course of the Golf Club at Hawks Prairie in Lacey, Washington.

Per our agreement, we began collecting monthly water levels in August 2007. Data for The Links monitoring well was last reported in a letter dated February 5, 2009.

Water levels were collected using an electronic water level indicator, measured to the nearest 0.1 foot. Water levels are presented both as the raw number measured in the field, and the calculation of the depth below ground surface. For the well at The Links course, the top of the well casing (located within a utility vault) is located 3.2 feet below grade. The well water depth measurement was not made in February of 2009 due to difficulties in feeding the water level indicator down the well pipe. Measurements were resumed on a monthly basis in March 2009.

Also per our agreement, we collected chloride samples from the monitoring well quarterly - in February, April, August, and December of 2009. The chloride samples were collected in the field and analyzed by Aquatic Research in Seattle. Copies of the laboratory results are attached for your reference.

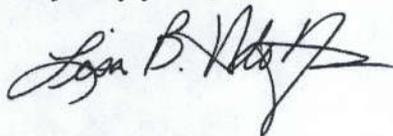
The attached table provides a summary of the water levels and chloride monitoring results collected from the well for 2009. The chloride results are well below the action level of 100 mg/L, and the measurements of water levels have remained consistent throughout. Per your permit requirements, a copy of these results should be submitted to the Washington State Department of Ecology by the end of February.



Page 2

Please don't hesitate to call if you have any questions or require additional information. We are scheduled to continue monitoring water levels on a monthly basis, and collect chloride samples quarterly throughout 2010.

Very truly yours,



Lisa Adolfson
Senior Project Manager
ESA Adolfson

Attachments: Summary table
Laboratory data



**Golf Club at Hawks Prairie
The Links Course Well***

Date	Water Level Measurement (feet)**	Calculated depth below ground surface (+3.2 ft)	Pump Status	Chloride concentration (mg/L)
1/21/2009	211.8	215	not running	
2/12/2009	--	--	running	1.96
2/23/2009	--	--	not running	
3/12/2009	212.3	215.5	not running	
4/14/2009	211.2	214.4	not running	1.76
5/13/2009	210.4	213.6	not running	
6/11/2009	217.5	220.7	not running	
7/22/2009	262.6	265.8	running	
8/13/2009	220.8	224	not running	
8/31/2009	--	--	running	1.76
9/30/2009	200.3	203.5	not running	
10/19/2009	216.4	219.6	not running	
11/11/2009	207.5	210.7	not running	
12/8/2009	242.5	245.7	running	1.86
1/20/2010	203.3	206.5	not running	

*The well at the Links course is not specified by a unique identification number on the Ecology Permit (# G2-28621) and no unique identification number is posted on the well. The well is located within the NW 1/4 of Section 23, Township 29 N., Range 1 W.

**Water levels are measured from the top of the well casing within the utility vault. This location is 3.2 feet below ground surface.





AQUATIC RESEARCH INCORPORATED
LABORATORY & CONSULTING SERVICES
3927 AURORA AVENUE NORTH, SEATTLE, WA 98103
PHONE: (206) 632-2715 FAX: (206) 632-2417

CASE FILE NUMBER:	ADL001-64	PAGE 1
REPORT DATE:	02/17/09	
DATE SAMPLED:	02/12/09	DATE RECEIVED: 02/12/09
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER		
SAMPLES FROM ADOLFSEN ASSOCIATES		

CASE NARRATIVE

One water sample was delivered to the laboratory in good condition. The sample was analyzed according to the chain of custody. No difficulties were encountered in the preparation or analysis of this sample. Sample data follows while QA/QC data is contained on subsequent pages.

SAMPLE DATA

SAMPLE ID	CHLORIDE (mg/l)
HP-LINKS	1.96





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CASE FILE NUMBER:	ADL001-64	PAGE 2
REPORT DATE:	02/17/09	
DATE SAMPLED:	02/12/09	DATE RECEIVED: 02/12/09
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER		
SAMPLES FROM ADOLFSSEN ASSOCIATES		

QA/QC DATA

QC PARAMETER	CHLORIDE (mg/l)
METHOD	SM18 4500CLC
DATE ANALYZED	02/17/09
DETECTION LIMIT	0.50
DUPLICATE	
SAMPLE ID	BATCH
ORIGINAL	13.5
DUPLICATE	13.8
RPD	2.15%
SPIKE SAMPLE	
SAMPLE ID	BATCH
ORIGINAL	13.5
SPIKED SAMPLE	23.6
SPIKE ADDED	10.0
% RECOVERY	100.69%
QC CHECK	
FOUND	28.8
TRUE	30.0
% RECOVERY	96.12%
BLANK	<0.50

RPD = RELATIVE PERCENT DIFFERENCE.
 NA = NOT APPLICABLE OR NOT AVAILABLE.
 NC = NOT CALCULABLE DUE TO ONE OR MORE VALUES BEING BELOW THE DETECTION LIMIT.
 OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TO LOW RELATIVE TO SAMPLE CONCENTRATION.

SUBMITTED BY:

Steven Lazoff
 Steven Lazoff
 Laboratory Director





AQUATIC RESEARCH INCORPORATED

LABORATORY & CONSULTING SERVICES

3927 AURORA AVENUE NORTH, SEATTLE, WA 98103

PHONE: (206) 632-2715 FAX: (206) 632-2417

CASE FILE NUMBER:	ADL001-68	PAGE 1
REPORT DATE:	12/10/09	
DATE SAMPLED:	12/08/09	DATE RECEIVED: 12/09/09
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER SAMPLES FROM ADOLFSEN ASSOCIATES		

CASE NARRATIVE

One water sample was delivered to the laboratory in good condition. The sample was analyzed according to the chain of custody. No difficulties were encountered in the preparation or analysis of this sample. Sample data follows while QA/QC data is contained on subsequent pages.

SAMPLE DATA

SAMPLE ID	CHLORIDE (mg/l)
LINKS WELL	1.86





AQUATIC RESEARCH INCORPORATED
LABORATORY & CONSULTING SERVICES
3927 AURORA AVENUE NORTH, SEATTLE, WA 98103
PHONE: (206) 632-2715 FAX: (206) 632-2417

CASE FILE NUMBER:	ADL001-68	PAGE 2
REPORT DATE:	12/10/09	
DATE SAMPLED:	12/08/09	DATE RECEIVED: 12/09/09
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER		
SAMPLES FROM ADOLFSEN ASSOCIATES		

QA/QC DATA

QC PARAMETER	CHLORIDE (mg/l)
METHOD	SM18 4500CLC
DATE ANALYZED	12/09/09
DETECTION LIMIT	0.50
DUPLICATE	
SAMPLE ID	LINKS WELL
ORIGINAL	1.86
DUPLICATE	1.76
RPD	5.41%
SPIKE SAMPLE	
SAMPLE ID	LINKS WELL
ORIGINAL	1.86
SPIKED SAMPLE	11.7
SPIKE ADDED	10.0
% RECOVERY	98.73%
QC CHECK	
FOUND	29.4
TRUE	30.0
% RECOVERY	98.08%
BLANK	<0.50

RPD = RELATIVE PERCENT DIFFERENCE.
NA = NOT APPLICABLE OR NOT AVAILABLE.
NC = NOT CALCULABLE DUE TO ONE OR MORE VALUES BEING BELOW THE DETECTION LIMIT.
OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TO LOW RELATIVE TO SAMPLE CONCENTRATION.

SUBMITTED BY:


Steven Lazoff
Laboratory Director





AQUATIC RESEARCH INCORPORATED
LABORATORY & CONSULTING SERVICES
 3927 AURORA AVENUE NORTH, SEATTLE, WA 98103
 PHONE: (206) 632-2715 FAX: (206) 632-2417

CASE FILE NUMBER:	ADL001-66	PAGE 1
REPORT DATE:	09/14/09	
DATE SAMPLED:	08/31/09	DATE RECEIVED: 08/31/09
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER		
SAMPLES FROM ADOLFSEN ASSOCIATES		

CASE NARRATIVE

One water sample was delivered to the laboratory in good condition. The sample was analyzed according to the chain of custody. No difficulties were encountered in the preparation or analysis of this sample. Sample data follows while QA/QC data is contained on subsequent pages.

SAMPLE DATA

SAMPLE ID	CHLORIDE (mg/l)
LINKS WELL	1.76





AQUATIC RESEARCH INCORPORATED

LABORATORY & CONSULTING SERVICES

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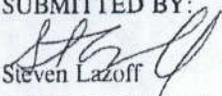
PHONE: (206) 632-2715 FAX: (206) 632-2417

CASE FILE NUMBER:	ADL001-66	PAGE 2
REPORT DATE:	09/14/09	
DATE SAMPLED:	08/31/09	DATE RECEIVED: 08/31/09
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER		
SAMPLES FROM ADOLFSEN ASSOCIATES		

QA/QC DATA

QC PARAMETER	CHLORIDE (mg/l)
METHOD	SM18 4500CLC
DATE ANALYZED	09/14/09
DETECTION LIMIT	0.50
DUPLICATE	
SAMPLE ID	BATCH
ORIGINAL	24.4
DUPLICATE	24.8
RPD	1.59%
SPIKE SAMPLE	
SAMPLE ID	
ORIGINAL	
SPIKED SAMPLE	
SPIKE ADDED	
% RECOVERY	NA
QC CHECK	
FOUND	28.7
TRUE	30.0
% RECOVERY	95.80%
BLANK	<0.50

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 OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TO LOW RELATIVE TO SAMPLE CONCENTRATION.

SUBMITTED BY:

 Steven Lazoff
 Laboratory Director





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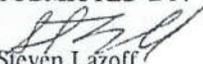
CASE FILE NUMBER:	ADL001-65	PAGE 2
REPORT DATE:	04/28/09	
DATE SAMPLED:	04/14/09	DATE RECEIVED: 04/15/09
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER		
SAMPLES FROM ADOLFSEN ASSOCIATES		

QA/QC DATA

QC PARAMETER	CHLORIDE (mg/l)
METHOD	SM18 4500CLC
DATE ANALYZED	04/28/09
DETECTION LIMIT	0.50
DUPLICATE	
SAMPLE ID	BATCH
ORIGINAL	8.41
DUPLICATE	8.31
RPD	1.17%
SPIKE SAMPLE	
SAMPLE ID	BATCH
ORIGINAL	8.41
SPIKED SAMPLE	18.4
SPIKE ADDED	10.0
% RECOVERY	99.71%
QC CHECK	
FOUND	28.9
TRUE	30.0
% RECOVERY	96.45%
BLANK	<0.50

RPD = RELATIVE PERCENT DIFFERENCE.
 NA = NOT APPLICABLE OR NOT AVAILABLE.
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 OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TOO LOW RELATIVE TO SAMPLE CONCENTRATION.

SUBMITTED BY:


 Steven Lazoff
 Laboratory Director





AQUATIC RESEARCH INCORPORATED

LABORATORY & CONSULTING SERVICES

3927 AURORA AVENUE NORTH, SEATTLE, WA 98103

PHONE: (206) 632-2715 FAX: (206) 632-2417

CASE FILE NUMBER:	ADL001-65	PAGE 1
REPORT DATE:	04/28/09	
DATE SAMPLED:	04/14/09	DATE RECEIVED: 04/15/09
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER SAMPLES FROM ADOLFSEN ASSOCIATES		

CASE NARRATIVE

Three water samples were delivered to the laboratory in good condition. The samples were analyzed according to the chain of custody. No difficulties were encountered in the preparation or analysis of these samples. Sample data follows while QA/QC data is contained on subsequent pages.

SAMPLE DATA

SAMPLE ID	CHLORIDE (mg/l)
LINKS WELL	1.76
327 WELL	5.96
211 WELL	15.7





Water Resources Program

FORM 1 - Measuring Device Information

Please fill out one form for each measuring device.

<u>WATER RIGHT HOLDER(S):</u>	<u>WATER RIGHT DOCUMENT NO(S):</u>
<u>Name(s)</u>	<u>Certificate, Permit, Claim, or Court Claim</u>
	<u>G2-28621 mp</u>

User's name for diversion/withdrawal point: LINKS WELL HOLE #3
(ex. Well #1, Blue well house)

ABOUT THE MEASURING DEVICE:

Please include an up-close photo of the face of the meter.

Flow Type: Open Channel Flow Pressurized Pipe Flow

Measure more than one source? Yes No If yes, please provide a list of all the sources that share a common measuring device (ex. two wells or two pumped diversions):

Meter Type (ex. magnetic, propeller, flume, etc.): PROPELLER
 Brand: MCCROMETER Model No.: MF 104
 Serial No.: 10-06941 Units of Measure (gal, cfs, or ac-ft): GAL
 Device Roll-Over No.: 999.999 Device Multiplier (ex. X100, X0.01): 100
 Date Installed/Calibrated: 10/19/2010 Fish screen for surface water diversion? Yes No

LOCATION OF THE MEASURING DEVICE:

Section: 36 Township: 19 Range: 1W (1/4): _____ (1/4): _____

Latitude (optional): _____ Longitude (optional): _____
(NAD 83 Datum in Decimal Degrees preferred)

Is meter within 100 feet of the point of diversion or withdrawal? Yes No

COMMENTS:

I hereby certify that all information reported on this form is correct to the best of my knowledge.

Printed Name: RICK HANCOCK Phone No.: (206) 459 0513
 Address: 8383 VICWOOD LANE NE City: LACEY State: WA
 E-mail: RICKH@HAWKSPRAIRIEGOLF.COM
 Signature: Rick Hancock Date: 12/10/2010



TRANSMITTAL RECEIVED

13

MAR 07 2011

WA State Department of Ecology (SWRO)

RE Water Monitoring Report for G2-28621

Date March 4, 2011

To Department of Ecology Southwest Regional Office Water Resources PO Box 47775 Olympia, WA 98504-7775

From Glenn Hirai 1416 - 112TH Avenue NE Bellevue, WA 98004

Phone # Fax #

Phone # 425.646.6919 Fax # 425.455.3828

WE ARE SENDING YOU:

Fax PAGE(S) including cover sheet

X Attached

Under separate cover via the following items:

Shop drawings Copy of letter

Prints Change order

Plans Contract

Samples

Specifications

Table with 4 columns: COPIES, DATE, # Pgs, DESCRIPTION. Row 1: 1, 2/14/2011, Hawks Prairie Golf Course Monitoring Results - Links Course

THESE ARE TRANSMITTED as checked below:

For approval For your use X As requested For review and comment

Approved as submitted Approved as noted Returned for corrections

Resubmit copies for approval Submit copies for distribution Return corrected prints

Remarks

Please find attached, the water monitoring report for G2-28621. Wells are located at the Golf Club at Hawks Prairie, 9051 46th Avenue NE, Lacey, WA 98516. Should you have any questions, please let me know. Thank you

Copy to:

Signed

Handwritten signature





5309 Shilshole Avenue NW
Suite 200
Seattle, WA 98107
206.789.9658 phone
206.789.9684 fax

www.adolfson.com

RECEIVED

MAR 07 2011

WA State Department
of Ecology (SWRO)

February 14, 2011

Mr. Glenn Hirai
Oki Golf
1416 – 112th Avenue NE
Bellevue, WA 98004

RE: Golf Club at Hawks Prairie Well Monitoring Results – The Links

Dear Glenn:

As requested, ESA Adolfson (Adolfson) has continued to conduct monthly ground water level monitoring and quarterly chloride monitoring throughout 2010 from the well located at The Links course of the Golf Club at Hawks Prairie in Lacey, Washington.

Per our agreement, we began collecting monthly water levels in August 2007. Data for The Links monitoring well was last reported in a letter dated February 25, 2010.

Water levels were collected using an electronic water level indicator, measured to the nearest 0.1 foot. Water levels are presented both as the raw number measured in the field, and the calculation of the depth below ground surface. For the well at The Links course, the top of the well casing (located within a utility vault) is located 3.2 feet below grade.

Also per our agreement, we collected chloride samples from the monitoring well quarterly – in February, April, August, and December of 2010. The chloride samples were collected in the field and analyzed by Aquatic Research in Seattle. Copies of the laboratory results are attached for your reference.

The attached table provides a summary of the water levels and chloride monitoring results collected from the well for 2010. The chloride results are well below the action level of 100 mg/L, and the measurements of water levels have remained consistent throughout. Per your permit requirements, a copy of these results should be submitted to the Washington State Department of Ecology by the end of February.

Please don't hesitate to call if you have any questions or require additional information. I will be contacting you regarding an amendment to our contract to continue monitoring water levels on a monthly basis, and collect chloride samples quarterly throughout 2011.



Page 2

Very truly yours,



Lisa Adolfson
Senior Project Manager
ESA Adolfson

Attachments: Summary table
Laboratory data

(S)

**Golf Club at Hawks Prairie
The Links Course Well***

Date	Water Level Measurement (feet)**	Calculated depth below ground surface (+3.2 ft)	Pump Status	Chloride concentration (mg/L)
1/20/2010	206.5	209.7	not running	
2/25/2010	214.3	217.5	not running	
3/18/2010	212.1	215.3	not running	2.05
4/23/2010	211.9	215.1	not running	
5/13/2010	216.4	219.6	not running	
6/23/2010	227.7	230.9	not running	1.76
7/20/2010	222	225.2	not running	
8/17/2010	260	263.2	running	1.66
9/29/2010	207	210.2	not running	
10/28/2010	206.8	210	not running	
11/30/2010	210	213.2	not running	
12/29/2010	205.2	208.4	not running	1.66
1/26/2011	205.2	208.4	not running	

*The well at the Links course is not specified by a unique identification number on the Ecology Permit (# G2-28621) and no unique identification number is posted on the well. The well is located within the NW 1/4 of Section 23, Township 29 N., Range 1 W.

**Water levels are measured from the top of the well casing within the utility vault. This location is 3.2 feet below ground surface.

25



AQUATIC RESEARCH INCORPORATED

LABORATORY & CONSULTING SERVICES

3927 AURORA AVENUE NORTH, SEATTLE, WA 98103

PHONE: (206) 632-2715 FAX: (206) 632-2417

CASE FILE NUMBER: ADL001-69 **PAGE 1**
REPORT DATE: 04/02/10
DATE SAMPLED: 03/18/10 **DATE RECEIVED:** 03/18/10
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER
SAMPLES FROM ADOLFSON ASSOCIATES

CASE NARRATIVE

Three water samples were delivered to the laboratory in good condition. The samples were analyzed according to the chain of custody. No difficulties were encountered in the preparation or analysis of these samples. Sample data follows while QA/QC data is contained on subsequent pages.

SAMPLE DATA

SAMPLE ID	CHLORIDE (mg/L)
LINKS COURSE	2.05
WOODLAND 2	3.52
WOODLAND 3	15.6





AQUATIC RESEARCH INCORPORATED

LABORATORY & CONSULTING SERVICES

3927 AURORA AVENUE NORTH, SEATTLE, WA 98103

PHONE: (206) 632-2715 FAX: (206) 632-2417

CASE FILE NUMBER:	ADL001-69	PAGE 2
REPORT DATE:	04/02/10	
DATE SAMPLED:	03/18/10	DATE RECEIVED: 03/18/10
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER SAMPLES FROM ADOLFSON ASSOCIATES		

QA/QC DATA

QC PARAMETER	CHLORIDE (mg/L)
METHOD	SM18 4500CLC
DATE ANALYZED	04/01/10
DETECTION LIMIT	0.50
DUPLICATE	
SAMPLE ID	BATCH
ORIGINAL	2.44
DUPLICATE	2.35
RPD	4.08%
SPIKE SAMPLE	
SAMPLE ID	BATCH
ORIGINAL	2.44
SPIKED SAMPLE	12.1
SPIKE ADDED	10.0
% RECOVERY	96.78%
QC CHECK	
FOUND	28.6
TRUE	30.0
% RECOVERY	95.47%
BLANK	<0.50

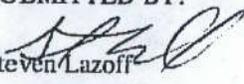
RPD = RELATIVE PERCENT DIFFERENCE.

NA = NOT APPLICABLE OR NOT AVAILABLE.

NC = NOT CALCULABLE DUE TO ONE OR MORE VALUES BEING BELOW THE DETECTION LIMIT.

OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TOO LOW RELATIVE TO SAMPLE CONCENTRATION.

SUBMITTED BY:


Steven Lazoff

Laboratory Director

CS



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LABORATORY & CONSULTING SERVICES

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CASE FILE NUMBER:	ADL001-71	PAGE 1
REPORT DATE:	07/12/10	
DATE SAMPLED:	06/23/10	DATE RECEIVED: 06/23/10
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER SAMPLES FROM ADOLFSON ASSOCIATES		

CASE NARRATIVE

One water sample was delivered to the laboratory in good condition. The sample was analyzed according to the chain of custody. No difficulties were encountered in the preparation or analysis of this sample. Sample data follows while QA/QC data is contained on subsequent pages.

SAMPLE DATA

SAMPLE ID	CHLORIDE (mg/L)
LINKS WELL SAMPLE	1.76





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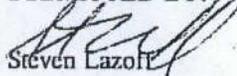
CASE FILE NUMBER:	ADL001-71	PAGE 2
REPORT DATE:	07/12/10	
DATE SAMPLED:	06/23/10	DATE RECEIVED: 06/23/10
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER SAMPLES FROM ADOLFSON ASSOCIATES		

QA/QC DATA

QC PARAMETER	CHLORIDE (mg/L)
METHOD	SM18 4500CLC
DATE ANALYZED	07/12/10
DETECTION LIMIT	0.50
DUPLICATE	
SAMPLE ID	LINKS WELL SAMPLE
ORIGINAL	1.76
DUPLICATE	1.86
RPD	5.41%
SPIKE SAMPLE	
SAMPLE ID	LINKS WELL SAMPLE
ORIGINAL	1.76
SPIKED SAMPLE	11.6
SPIKE ADDED	10.0
% RECOVERY	98.73%
QC CHECK	
FOUND	28.9
TRUE	30.0
% RECOVERY	96.45%
BLANK	<0.50

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OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TOO LOW RELATIVE TO SAMPLE CONCENTRATION.

SUBMITTED BY:


Steven Lazoff
Laboratory Director





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CASE FILE NUMBER:	ADL001-72	PAGE 1
REPORT DATE:	09/07/10	
DATE SAMPLED:	08/17/10	DATE RECEIVED: 08/17/10
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER SAMPLES FROM ADOLFSON ASSOCIATES		

CASE NARRATIVE

Three water samples were delivered to the laboratory in good condition. The samples were analyzed according to the chain of custody. No difficulties were encountered in the preparation or analysis of these samples. Sample data follows while QA/QC data is contained on subsequent pages.

SAMPLE DATA

SAMPLE ID	CHLORIDE (mg/L)
LINKS	1.66
WELL 211	21.3
WELL 327	18.3

S



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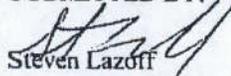
CASE FILE NUMBER:	ADL001-72	PAGE 2
REPORT DATE:	09/07/10	
DATE SAMPLED:	08/17/10	DATE RECEIVED: 08/17/10
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER		
SAMPLES FROM ADOLFSON ASSOCIATES		

QA/QC DATA

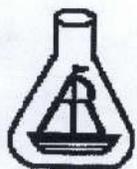
QC PARAMETER	CHLORIDE (mg/L)
METHOD	SM18 4500CLC
DATE ANALYZED	09/03/10
DETECTION LIMIT	0.50
DUPLICATE	
SAMPLE ID	WELL 327
ORIGINAL	18.3
DUPLICATE	18.2
RPD	0.54%
SPIKE SAMPLE	
SAMPLE ID	WELL 327
ORIGINAL	18.3
SPIKED SAMPLE	28.0
SPIKE ADDED	10.0
% RECOVERY	96.78%
QC CHECK	
FOUND	28.9
TRUE	30.0
% RECOVERY	96.45%
BLANK	<0.50

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NC = NOT CALCULABLE DUE TO ONE OR MORE VALUES BEING BELOW THE DETECTION LIMIT.
OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TOO LOW RELATIVE TO SAMPLE CONCENTRATION.

SUBMITTED BY:


Steven Lazoff
Laboratory Director





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CASE FILE NUMBER:	MIS021-83	PAGE 1
REPORT DATE:	01/05/11	
DATE SAMPLED:	12/29/10	DATE RECEIVED: 12/29/10
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER SAMPLES FROM ADOLFSON ASSOCIATES		

CASE NARRATIVE

One water sample was delivered to the laboratory in good condition. The sample was analyzed according to the chain of custody. No difficulties were encountered in the preparation or analysis of this sample. Sample data follows while QA/QC data is contained on subsequent pages.

SAMPLE DATA

SAMPLE ID	CHLORIDE (mg/L)
LINKS WELL	1.66

S



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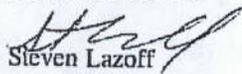
CASE FILE NUMBER:	MIS021-83	PAGE 2
REPORT DATE:	01/05/11	
DATE SAMPLED:	12/29/10	DATE RECEIVED: 12/29/10
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER SAMPLES FROM ADOLFSON ASSOCIATES		

QA/QC DATA

QC PARAMETER	CHLORIDE (mg/L)
METHOD	SM18 4500CLC
DATE ANALYZED	01/04/11
DETECTION LIMIT	0.50
DUPLICATE	
SAMPLE ID	BATCH
ORIGINAL	1.37
DUPLICATE	1.37
RPD	0.00%
SPIKE SAMPLE	
SAMPLE ID	BATCH
ORIGINAL	1.37
SPIKED SAMPLE	11.0
SPIKE ADDED	10.0
% RECOVERY	96.78%
QC CHECK	
FOUND	28.4
TRUE	30.0
% RECOVERY	94.82%
BLANK	<0.50

RPD = RELATIVE PERCENT DIFFERENCE.
NA = NOT APPLICABLE OR NOT AVAILABLE.
NC = NOT CALCULABLE DUE TO ONE OR MORE VALUES BEING BELOW THE DETECTION LIMIT.
QR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TOO LOW RELATIVE TO SAMPLE CONCENTRATION.

SUBMITTED BY:


Steven Lazoff
Laboratory Director

