

### **Third Quarter Report 2012**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8449>

Includes:

Committee Operating Guidelines (Page 47/75)

GWMA GWAC Work Planning Framework (Page 54/75)

Education and Public Outreach Plan – Planning Framework (Page 57/75)

Professional Services Agreement with EnviroIssues (Page 61/75)

Amendment No.1 to Ecology Agreement No. C 1200235 (Page 73/75)

### **Fourth Quarter Report 2012**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8450>

Includes:

GWAC Work Plan (Page 76/128)

Education and Outreach Plan (Page 113/128)

### **First Quarter Report – 2013**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8451>

### **Second Quarter Report – 2013**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8452>

Includes:

Contract with HDR - \$266,402.00 (Page 88/142)

- Regulatory Review
- BMP Data Base and Effectiveness Study
- Area Characterization (PgG)

Agreement with Yakima County Health District - \$50,000 (Page 118/142)

- Healthcare Providers Survey

- High Risk Well Assessment Phase I

Agreement with Heritage University to conduct community survey \$5,300 (Page 129/142)

Contract with EnviroIssues Revision \$80,980.00 (Page 140/142)

### **Third Quarter Report – 2013**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8453>

Includes

Technical Memorandum #1 – Regulatory Review (Page 79/161)

Community Survey (Heritage) questions, information packet and results (Page 132/161)

Connect with Your Government – English/Spanish script (Page 157/161)

### **Fourth Quarter Report 2013**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8454>

Includes:

Nutrient Loading Assessment for the Lower Yakima Valley PP (Page 82/236)

Draft Deep Soil Sampling Plan Oct. 3, 2013 – GWAC Review version 1 (Page 98/236)

Draft Initial Best Management Practices Data Base Summary (Page 133/236)

GWAC Self-Assessment Survey (Page 162/236)

Standardized GWAC Talking Points PP (Page 172/236)

High Risk Bi-lingual Outreach Materials (Page 181/236)

Amendment to Agreement with the Yakima Health District (Page 190/236)

Technical Memorandum Calculations to Allocate Soil Samples in 2014 (Page 192/236)

Draft Potential Groundwater Monitoring Stations December 3, 2013 (Page 200/236)

## **First Quarter Report 2014**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8455>

Includes:

2014 Work Group Task List (Page 86/162)

Draft Best Management Practices (BMP) Effectiveness Evaluation Summary (Technical Memorandum #2) February 27, 2014 (Page 87/162)

Potential Groundwater Monitoring Stations document December 3, 2013 (Page 90/162)

GWAC Accomplishments News Release January 16, 2014 (Page 136/162)

Radio Spots (Page 138/162)

Free Well Testing Flyer English/Spanish (Page 142/162)

Department of Ecology Contract Amendment 2 – March 4, 2014 (Page 145/162)

EnviroIssues Professional Services Amendment 2 – January 21, 2014 (Page 149/162)

HDR Amendment 1 – February 5, 2014 (Page 151/162)

Radio KDNA Conference Room Contract – February 5, 2014 (Page 153/162)

Radio KDNA Draft Public Affairs Underwriting Agreement – Jan. 23, 2014 (Page 161/162)

Yakima Health District Contract Amendment 2 – March 25, 2014 (Page 162/162)

## **Second Quarter Report 2014**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8514>

Includes:

GWAC Comments and PgG Responses - Draft Groundwater Monitoring Plan (Page 72/139)

Deep Soil Sampling Plan (Page 70/139)

Deep Soil Sampling Questionnaire (Page 113/139)

Invitation to Growers (Page 118/139)

Yakima Herald Republic June 29, 2014 Legal Notice Bids for Deep Soil Sampling (Page 120/139)

New Mom Flyer (Page 122/139)

Nitrate Education Slides (Page 123/139)

High Risk Well Assessment (English/Spanish) News Release (Page 136/139)

Signed Agreement with JH Davenport LLC of June 17, 2014 (Page 139/139)

### **Third Quarter Report 2014**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8456>

Includes:

Listing of Work Group Budget Proposals (Page 77/169)

GWAC Budget Discussion Framework (Page 79/169)

Legal Notice – Bid Proposals for Deep Soil Sampling (Page 119/169)

Newspaper Ads and Articles re Deep Soil Sampling (Page 120/169)

High Risk Well Assessment Report – August 21, 2014 (Page 128/169)

Draft WSDA Comprehensive Nitrogen Loading Assessment for the Lower Yakima Valley Groundwater Management Area – Scope of Work & Budget August 2014 (Page 130/169)

EPA's Summary Yakima Administrative Order of Consent Dairies Draft Data PP – Sept. 2014 (Page 143/169)

BOCC307-2014 Interlocal Agreement with South Yakima Conservation District for Deep Soil Sampling dated July 15, 2014 (Page 161/169)

BOCC Amendment No. 1 to Interlocal Agreement with South Yakima Conservation District for Deep Soil Sampling dated August 5, 2014 (Page 168/169)

### **Fourth Quarter Report 2014**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8457>

Includes:

Lower Yakima Valley GWMA Program Development \_ Estimated Costs for Budget Discussions (Page 80/157)

Interim Final Groundwater Monitoring Plan Version 7 (Page 82/157)

Deep Soil Sampling Combined Report (Page 129/157)

Deep Soil Sampling Soil Report (Page 137/157)

Comprehensive Nitrogen Loading Assessment for the Lower Yakima Valley Groundwater Management Area – Scope of Work and Budget – Version 1.2a dated December 3, 2014 (Page 139/157)

### **First Quarter 2015**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8458>

Includes:

Ground Water Management Plan Timeline (Page 62/99)

Round One Deep Soil Sampling Data Report (Page 70/99)

Deep Soil Sampling Plan Questionnaire Revised (Page 71/99)

Amendment to Agreement between Yakima County and Radio KDNA for Conference Room Rentals (Page 74/99)

Interlocal Agreement between Washington State Department of Agriculture and Yakima County to Develop a Comprehensive Nitrogen Loading Assessment for the Lower Valley Groundwater Management Area (Page 76/99)

### **Second Quarter Report 2015**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8459>

Includes:

Deep Soil Sampling Report – Spring 2015 (Page 83/124)

Lower Yakima Valley Groundwater Management Area Plan – Table of Contents (Page 96/124)

Sample Letter (English/Spanish) to High Risk Well Assessment Survey Participants with N results  $\geq 10$  mg/L (Page 100/124)

Letter Enclosures (page 104/124)

Amendment No.3 to Agreement between Ecology and Yakima County (Page 123/124)

### **Third Quarter Report 2015**

<http://www.yakimacounty.us/DocumentCenter/Home/View/8448>

Includes:

High Risk Well Assessment Phase II Outreach Schedule and Materials (Page 62/80)

Interlocal Agreement between Yakima Health District and Yakima County (Page 74/80)

### **Fourth Quarter 2015**

<http://www.yakimacounty.us/DocumentCenter/Home/View/9078>

Includes:

Amended Interagency Agreement between the Department of Ecology and Yakima County (IAA No. C1600074) dated November 17, 2015 (Page 56/76)

Pacific Groundwater Group (PgG) Agreement with Yakima County dated December 8, 2015 (Page 68/76)

Agreements for Radio Advertising with Bustos Media, Radio Yakima, Radio KDNA and Townsquare Media October 2015 (Page 71/76)

### **First Quarter 2016**

<http://www.yakimacounty.us/DocumentCenter/Home/View/10061>

Includes:

Deep Soil Sampling Fall Report 2015 (Page 84/143)

PgG Technical Memorandum "Draft Ambient Groundwater Monitoring Network Location Selection Method" dated March 18, 2016 (Page 104/143)

High Risk Well Assessment Phase II 2016 Outreach Materials (Page 108/143)

Well Assessment Survey Test Results (Page 139/143)

Amendment No. 1 to the Yakima Health District Agreement dated February 16, 2016 (Page 142/143)

### **Second Quarter 2016**

<http://www.yakimacounty.us/DocumentCenter/Home/View/11314>

Includes:

Landau Associates “Deep Soil Sampling Program Fall 2014; Spring 2015; Fall 2015; Spring 2016 Preliminary Data Analysis PP (page 123/211)

PgG’s report “Draft Lower Yakima Valley GWMA Proposed Ambient Groundwater Monitoring Network June 8, 2016 (Page 152/211)

Amendment No. 2 to the Yakima Health District Agreement dated April 12, 2016 (Page 209/211)

### **Third Quarter 2016**

<http://www.yakimacounty.us/DocumentCenter/Home/View/11922>

Includes:

GWMA Expenditures through July 31, 2016 (Page 89/97)

EPO’s Test Your Well Billboard Campaign proposed to GWAC August 18, 2016 (Page 92/97)

### **Fourth Quarter Report 2016**

<http://www.yakimacounty.us/DocumentCenter/Home/View/13094>

Includes:

Ambient Monitoring Network PowerPoint Presentation: “GWMA AMN and Other Monitoring” (Page 91/170)

GWMA Ambient Monitoring Network Report for Final Approval (Page 98/170)  
GWMA Ambient Monitoring Network Report Attachments (Page 116/170)  
Recommendation Groundwater Monitoring from Data Work Group (Page 160/170)  
2016\_1030 GWAC Budget Discussion (Page 162/170)  
GWMA LTD-2016 12-15-16 Group Decisions Exhibit A (Page 162/170)  
AMN Final Draft Comments from Data Working Group 2016\_0706 (Page 165/170)  
Contract with Lamar Advertising in the amount of \$4,000 executed on October 4, 2016  
(Page 168/170)  
Contract with Paul's Properties LLC in the amount of \$1,800 executed on October 4, 2016  
(Page 170/170)

### **First Quarter Report 2017**

<http://www.yakimacounty.us/DocumentCenter/Home/View/14003>

Includes:

EPO Questionnaire Summary (Page 76/99)  
“What You Can Do” English/Spanish Outreach Flyers (Page 79/99)  
Contract with US Geological Survey, United States Department of the Interior, in the  
amount of \$491,320 executed on March 7, 2017 (Page 89/99)  
Amendment #1 between Paul's Properties LLC and Yakima County in the amount of \$550  
on February 21, 2017 (Page 98/99)

### **Second Quarter Report 2017**

<http://www.yakimacounty.us/DocumentCenter/Home/View/15866>

Includes:

GWAC's April 20, Tentative Schedule for Completion (Page 99/302)  
June 29, Compiled List of Alternative Strategies (Page 102/302)



Draft Nitrogen Availability Assessment and Attachments (Page 116/302)  
Jean Mendoza's May 18 Alternatives Presentation (Page 218/302)  
"What You Can Do to Protect Well Water" English/Spanish Flyer (Page 241/302)  
RCIM Final Report to the GWAC (Page 244/302)  
Groundwater Quality Regulation in Washington (Page 252/302)  
Draft Livestock/CAFO Working Group Report to the GWAC (Page 283/302)  
LYV GWMA Groundwater Management Plan – Livestock/CAFO (Page 290/302)  
GWAC Work Plan Excerpt – Funding Working Group (Page 302/302)

### **Third Quarter Report 2017**

<http://www.yakimacounty.us/DocumentCenter/Home/View/15497>

Includes:

Work Group alternatives with WG recommendations 6-22-17 (The original alternatives list presented to the GWAC) (Page 113/140)

Copy of the GWMA Survey Report after GWAC 9.21.17(GWAC's September 21 version)  
(Page 127/140)

### **Fourth Quarter Report 2017**

<https://www.yakimacounty.us/DocumentCenter/View/16458/2017-4th-Quarter-Report>

Includes:

GWMA Strategies Spreadsheet – Comprehensive List of Blue Alternatives before 10-5-17 meeting

GWMA Strategies 12-1-17 JHD

First four GWMA program chapters presented to the GWAC on December 7, 2017:

- Introduction (Draft VI)
- Characterization of the Area (DRAFT VI)
- Sources of Nitrate and the Regulatory Environment (Draft VI)

- Yakima County's Role in Groundwater Quality Protection (Draft VI)

GWAC member comment form

2017\_1102 Summary of NAA Comments

October 19 presentation Map, Identifying the GIS layers in the GWMA

### **First Quarter Report 2018**

<https://www.yakimacounty.us/DocumentCenter/View/17248/2018-1st-Quarter-Report>

Includes:

Master GWMA Strategies, 1-29-18

Horizon 2040\_YC Comprehensive Plan – Water Quality Goals and Objectives

GWMA LTD-2017, 12-13-17 Prelim

PGG Preliminary Drill Sites 1-30-18

Index for 3.1.2018 Program Release to GWAC

LYVGWMA Program JHD, 02-26-18

MR\_Deep Soil Sampling (DSS) in the Lower Yakima Valley GWMA

MR\_Draft Deep Soil Sampling Analytical Analysis

Analysis of DSS Attachment 1 – 204 03 28 Deep Soil Sampling Plan

Analysis of DSS Attachment 2 – DSS PowerPoint

DSS Presentation to LYV GWMA Data WG

Soil Types and GWMA DSS

Amendment Number 1 to Agreement C1600074

Contract between Yakima County and PGG for the Monitoring Well Installation