

<sup>3</sup>Food Processing By-product Program Permit Application and Plan of Operation



DEPARTMENT OF ENVIRONMENTAL RESOURCES

3800 Cornucopia Way, Suite C Modesto, CA 95358-9492
Phone: 209.525.6700 Fax: 209.525.6774

PERMIT APPLICATION

FOR PERMIT TO USE FOOD PROCESSING BY-PRODUCTS
REF: STANISLAUS COUNTY CODE, TITLE 9, CHAPTER 9.88

Please complete all applicable questions. (IF ADDITIONAL SPACE IS NEEDED TO COMPLETE ANSWERS, USE THE SPACE PROVIDED ON PAGE 2). A PLAN OF OPERATION MUST ACCOMPANY THIS APPLICATION.

- 1. Address of site(s) See Page 2
2. Name of applicant(s) ConAgra Foods
Phone (209) 847-0321
3. Home and business address 554 S. Yosemite Ave, Oakdale, CA 95361
4. Mailing address (if different than above)
5. Trade and/or firm name(s) ConAgra Foods
6. If the applicant is not an individual, the name and address of the applicant's agent who is authorized to receive notice of actions pertaining to the proposal:
ConAgra Foods Oakdale Contact: Jeff Schultz - 554 S. Yosemite Ave, Oakdale, CA, 95361
Application Area Landowner and Operator: John Brichetto and partners - PO Box 11600, Oakdale, CA 95361

If the applicant is in one of the following categories, additional information must be submitted with the application for that category:

- A. If the applicant is a State or local government agency, a copy of the authorization under which the proposal is made.
B. If the applicant is a public corporation, the statute or other authority under which it was organized.
C. If the applicant is a Federal government agency, the title of the agency official delegated the authority to file the proposal.
D. If the applicant is a private corporation, evidence of incorporation and its current good standing.
E. If the applicant does not own the premises where the permit operations will occur, the applicant must provide a notarized letter from the owner that states that applicant has the owner's consent to conduct the proposed project on that parcel, that the owner has approved the proposed Plan of Operation, and that the landowner acknowledges that the landowner could be held responsible for clean-up and abatement of any condition resulting from the permitted operations.

I UNDERSTAND AND AGREE TO COMPLY WITH ALL PROVISIONS OF THE STANISLAUS COUNTY CODE, TITLE 9, CHAPTER 9.88. FURTHERMORE I HAVE THE ABILITY TO COMPLY WITH ALL LAWS REGULATING BUSINESSES IN THE STATE OF CALIFORNIA FOR THE TERM OF THE PERMIT. I CERTIFY UNDER PENALTY OF PERJURY THAT ALL INFORMATION, STATEMENTS AND REPRESENTATIONS SET FORTH IN THE APPLICATION ARE TRUE AND CORRECT.



SIGNATURE

*Plant Manager*

TITLE

*6-16-09*

DATE

SIGNATURE

TITLE

DATE

**Additional Information:**

The APNs and addresses for the generator of food processing by-products as a soil amendment are as follows:

063-024-002, 063-024-008, 063-024-009, and 063-024-020  
554 S. Yosemite Ave, Oakdale, CA 95361.

The APNs and addresses for the land application sites are as follows:

064-032-006 – S Yosemite Ave, Oakdale  
002-059-004 – 26 Mile Road, Valley Home  
006-091-001 – 7971 Gilbert Road, Oakdale (also referred to as 006-091-004 after a recent parcel split)  
006-091-002 – Gilbert Road, Oakdale  
064-031-028 – S Yosemite Ave, Oakdale  
063-005-004 – 8700 N Crane Road Oakdale  
002-012-063 – 12019 26 Mile Road, Oakdale  
062-004-032 – Brady Road, Oakdale  
062-004-029 – Brady Road, Oakdale  
062-004-002 – 8661 Crane Road, Oakdale  
063-004-030 – Walnut St, Oakdale  
063-006-001 – Walnut St, Oakdale  
064-031-029 – S. Yosemite Ave, Oakdale

**AERATED POND AND RINSE MUD DISPOSAL  
MANAGEMENT AND SAMPLING PLAN**

**in support of the**

**MUD REUSE PLAN  
CONAGRA FOODS OAKDALE FACILITY**

**prepared for**

**ConAgra Foods, Inc  
and  
Brichetto Cattle Co.**

**June 2009  
DE Project No. 102-15  
Revision 3**





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# 1. GENERAL INFORMATION AND PURPOSE

---

Dunn Environmental Inc. (DE), on behalf of ConAgra Foods – Oakdale (ConAgra) has prepared this Aerated Pond and Rinse Mud Waste Characterization, Management and Soil Sampling Plan for approval by Stanislaus County and implementation. This document has been developed in a similar manner as the Report of Waste Discharge (ROWD) for a Waiver of Waste Discharge Requirements (WDRs), as per the Central Valley Regional Water Quality Control Board (RWQCB) Resolution No. R5-2003-008. Specific elements have been added to comply with the Stanislaus County Food Processing By-Products Use Program. This program was revised in May 2006 and the Manual of Best Practices for Application of Food Processing By-Products on Farmlands was issued on June 29, 2007. Regulations for the Use of Food Processing By-Products in Stanislaus County for Permitted Use Sites have been utilized to develop this plan and will be followed specifically.

The *Aerated Pond By-Products Investigation Work Plan* was issued and approved by Stanislaus County Environmental Health during the first week in October, 2007. The results of that investigative study are contained herein.

The waste stream consists of two sources of by-product: tomato/bean plant residue mud that has settled out from the plant process and wastewater discharge (pond mud), and flume water residue (rinse mud). Both are collectively referred to as “mud” in this management plan; however these by-products will be tracked separately and handled separately as necessary. The pond mud is comprised of sediment, soil, degraded plant and fruit organics. The pond mud is typically a green to dark gray, sandy silt slurry mixture with varying content of organic and inorganic sand particles. Black muck horizons were common within the silt matrix. The rinse mud is a soil concentrate generated from the floating of tomatoes out of the truck. Rinse mud consists of solids left behind after tomatoes are floated out of truck beds using water. This material consists of sediment, soil and plant matter with a high water content. This proposal includes the option to amend existing crop acreage surface soils with the pond mud accumulate and rinse mud.

## **Conditions of the Stanislaus County Approval and Questions Addressed**

The soil amendments (by-product) will be hauled and applied with the following conditions and detailed within this plan:

- Extensive laboratory analytical testing has already occurred and will take place during application to assess the physical and chemical

characteristics of the soil. pH target values are anticipated to range from 6 to 8 standard pH units for the pond muds. Tomato rinse muds will be allowed to range from 3.5 to 12 standard pH units.

- ConAgra will create drying areas on site when needed to minimize liquid impacts to hauling and the fields;
- Some stockpiling of mud will take place within the aerated pond and above the pond water level for drying;
- Tomato rinse mud will be generated during the tomato growing season at a rate of up to 10 truck loads per day (approximately 12 tons per load) on an intermittent basis;
- Pond mud quantities generated will range from 12 truck loads for a short trial period or intermittent dredging up to a full time dredging operation at 50 truck loads per day. The maximum tonnage per load will typically be 10 tons per load. A polymer (anionic polyacrylamide) composed of biodegradable soil supplement that degrades entirely within 72 hours of application may be used.
- Truck traffic may occur over a 24 hour period and up to a three week duration during the full scale dredge. However, typical hours of operation will be from 6 AM to 6PM, seven days a week.
- Haulers will follow all local and California Department of Transportation Requirement to secure and load trucks. Typically 60% percent loads may be used. The loads will be covered.
- Caustic or acid solutions or materials are prohibited;
- Mud application will be managed and controlled in accord with the written waste management plan (WMP) describing best management practices (BMPs) as developed herein;
- Mud after spreading will be incorporated into the soil within 72 hours to prevent nuisance conditions (i.e. flies and odors);
- Manure may be used for additional adsorption and assist in the application of material using a manure spreader.
- Equipment available on site will consist of the following: 2 – 375 hp tractors, 2 - drag scrapers for tree access, 1 – 16’ wide and a smaller disc for tree access, 1 – scoop loader, 2 – 9yd manure spreaders and a minimum 500 gallon water tank;
- Minimal handling – Long term storage of by-product off site is not proposed; after dredging, direct haul to the fields is proposed;
- Waste constituents must be consumed as a benefit in soil and plant on which waste is applied and/or by crops which will be commercially harvested. The proposed application periods are in the spring and fall

- after harvest at agronomic rates of application;
- Hauling and application will take place over the majority of the year. Rinse muds will be applied during the tomato season;
- Site maps of the potential fields for use are provided and detailed in Table 5. Soil types, risk to water bodies and parcel map details are provided;
- The list of adjoining parcels and owner information has been generated by the County and ConAgra and will be provided upon approval of this plan;
- John Brichetto is the land owner, operator and potential mud hauler;
- Other County registered haulers including Hummer or Gilton Disposal may be utilized;
- Hauling routes are provided on Table 5 and the maps;
- Buffers or setbacks will be created around proposed application areas. A 100 ft by-product setback will be maintained from adjacent non-owned agricultural areas. A 300 ft by-product setback will be maintained from off site residences and public property, and a 150 ft by-product setback will be maintained from owned on site residences;
- Haul and application equipment will consist of vacuum tank or manure spreader and field disc tractor detailed within;
- Daily records will be kept and reported to track type, volume and follow up application issues.
- The following potential nuisance conditions will be addressed in the following manner:
  - *Excessive Liquid and Moisture:* Excessive liquid and moisture accumulation will be addressed by the assessment of water content prior to shipping and field preparation efforts. A drying area will be used on the ConAgra facility prior to hauling, if available or necessary. The grading of the site will be completed so that maximum adsorption will occur. Staging area and field preparation may consist of the application of dry manure or compost in a thin lift to maximize adsorption. Agronomic rates will be closely observed for these applications. Dry product will be added to reduce the percolation of the wet material.
  - *Excessive Noise:* Utilized equipment will be in good working condition to minimize excessive noise. In addition, the rural setting of the proposed application areas will reduce the number of noise receptors.



- *Excessive Dust:* In order to reduce potential dust emissions from roadway and site use, a water truck with spray nozzles will be used as warranted. Road gravel, composed of 2-inch or greater size gravels, will be used. Speed reduction signs will be used as necessary.
- *Excessive Objectionable Odor:* Haulers will cover loads from the ConAgra Facility to the application area. To reduce objectionable odors at the application fields, spreading and disking will be the primary mitigation measure. Earlier application or re-disking will be completed as needed. If odors persist, different staging and application area locations will be selected.
- *Excessive Fly, Mosquito and/or Vector Nuisance:* Similar mitigation measures used for odors will be used to reduce flies, mosquito and vector concerns. Incorporation with spreading and disking within 48 to 72 hours will reduce the potential of nuisances and odors discussed above. If nuisances persist, changed locations will be strongly considered and moisture content will be modified with mixing. Approved spray equipment and insecticides may be used.
- *Severe and Inclement Weather:* - If rain is forecasted, application of by-product will not take place. Storage areas that drain to the ConAgra Wastewater Treatment Facility will be used for staging purposes. Stored piles will be placed on plastic and covered with plastic as necessary. A general goal of seven days of drying (insignificant rain events resulting in no saturation) will be used prior to by-product placement on fields.

In order to expedite and satisfy the requirements, this document provides a description of the waste characteristics, waste management plan and soil sampling for the proposed application of the mud incorporated into non-irrigated winter oats and the micro-irrigated almond/walnut crop land.

Note that the soil sampling plan portion of this document has been developed in accordance with the ConAgra revised Monitoring and Reporting Program No. R5-2002-0098 (MRP) dated December 12, 2003 and California Water Code § 13267 and the Stanislaus County Food Processing Reuse Program (Ordinance and Rules). As required by the MRP, this document provides a method of obtaining soil samples to determine soil quality and amendment conditions and sources of potential elevated levels of nutrients related to the land application of mud.

The ConAgra Oakdale Facility and the existing wastewater application area are located in T2S, R10E, MDB&M in Oakdale, California within Stanislaus County. The proposed 2009 application area and future application areas are north and south of the plant as depicted on Figure 1. Other areas for future use are detailed herein. The soil types, proximity to surface water and proposed soil sampling locations are detailed within this document.

The purpose of this document is to provide an initial mud characterization and detailed waste management plan and propose a soil sample location rationale and sampling protocols. The discharge is associated with the numerous years of collection of the Oakdale plant water and mud discharge. The data objective of the plan is to determine the ability of crops to uptake available nutrients through assessment and soil sampling within and below the plant root mass. An extensive cropland survey has been completed and soil sampling has been conducted to assess background conditions. Additional soil sampling and documentation of field conditions, proximity to surface water discharge locations and potential water ponding areas will be completed prior to application.

**Mud Generator:**

ConAgra Foods, Inc. – Oakdale Facility  
554 South Yosemite Ave.  
Oakdale, CA 95361  
Contact Person – Jeff Schultz – 209-848-7295, cell - 949-244-9224

**Application Property Owner, Operator and Potential Hauler:**

Brichetto Cattle Co.  
P.O. Box 11600  
Oakdale, CA 95361-0595  
Contact Person - Mr. John Brichetto – cell (209) 404-6550  
2008 Application Stanislaus County Parcel Nos. 63-28-26, 63-28-11, portion of 02-59-04, 2009 through 2010 Parcels listed on Table 5. Other haulers registered with the County will be selected as needed like Hummer and Gilton Disposal.

**Professional Agronomist** – Mr. Terry Prichard – (209) 886-5301

**California Certified Lab** – Argon Laboratories and Denele Analytical Services  
(209) 581-9280

**Type and Amount of Pond and Rinse Mud to be Land Applied:**

For Aerated Pond, tomato and bean processing sludge or slurry from the plant wastewater operation is typically composed of 60% solids. This pond bottom will be dredged using a backhoe or dredge machine from the pond bottom and

directly land applied with limited interim storage on site. Interim storage will take place within the corners of the existing aerated pond, if needed, where dredged material can be stock piled for drying and later application. The anticipated quantity of mud to be removed over several years will be based on the accumulated volume of approximately 10 feet presently. The period of mud removal operation will be synchronized with almond/walnut tree and row crop growing seasons over several years or on idle forage crops. Young trees may have applications during all parts of the season. Several proposed land application areas will be used as detailed in the next sections.

Tomato Rinse Water Mud is an undiluted semi-liquid mud, composed of soil and broken tomatoes, tomato juice that typically contains 75% water and 25% solids. The amount of rinse mud generated per day during freshpack season is estimated at 32 cubic yards or typically 6,500 gallons or per day. During 2004 and 2005 tomato season, an estimated total quantity 3,079 tons and 2,843 tons, respectively, of the water and mud mixture was disposed of at the Dos Rios Food Processing Site in Modesto, CA. This equates to approximately three truck loads per day at nine tons per load. The total gallon estimate during the two tomato seasons were approximately 650,000 gallons. During the 2007 and 2008 Season, quantities ranged from 600 to 800 tons per month or upto 3,200 tons per year for the fresh pack season from approximately July to October of each year. Collection areas will take within the flume box, serum tanks, roll off box and liquid storage tanks in the agricultural operations area on site. Application will be synchronized with the almond/walnut tree growing season and with idle periods as described above. Young tree crops may be applied throughout the year. Mature trees may be used primarily after harvest and in the spring depending on the five year disking schedule.





## 2. PRELIMINARY WASTE CHARACTERISTICS AND MANAGEMENT ALTERNATIVES

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### 2.1 AERATION POND WASTE CHARACTERISTICS

As indicated both fresh water and recycled water is used to process plant products which results in a relatively high organic liquid with settleable solids. The process water has lower water pH which increases the potential of metal mobilization.

ConAgra in preparation of this submittal has collected over 19 pond mud samples from the base of the aerated pond during the Fall 2007 season. The selected results are provided on Tables 1 through 3 as preliminary characteristic of the mud as a soil amendment. The laboratory results are provided in Appendix A.

Pond mud samples were taken at the ConAgra Aerated Wastewater Pond by DE employees on September 9, 2007 and October 23, 2007. Prior to each sampling event, ConAgra discharged pond water in order to increase freeboard to approximately 4 to 6 feet. Aerators were temporarily turned off for sampling. A small motor boat was provided by ConAgra for depth measurement and sampling. For each location, a depth-to-mud measurement and location waypoint were recorded. Depth-to-mud measurements were recorded using a wire sounder at specific waypoints using a hand-held Garmin Summit GPS unit. When possible, pond mud samples were collected as described below. Figure 2 provides a depiction of the depth to the mud surface measured from the top of berm. This depth was converted to top of berm based on the freeboard measurement for the respective day.

Sampling was performed using a stainless steel soil sampling tube attached to an 11 foot stainless steel extension rod. The sampling tube was pushed past the soft upper layers of sediment until firm material was encountered. The sample was then withdrawn and described according to color, consistency, and grain size. Samples were placed into plastic zip-lock bags and labeled according to waypoint number. Locations at which depth-to-mud exceeded the length of the sampler were logged for location and depth-to-mud only. Samples were periodically taken to shore and placed in an ice cooler. The samples were typically black and green in color composed of silty sand to sandy silt material with a consistency of high organic elastic mud. For each sampling event, a chain-



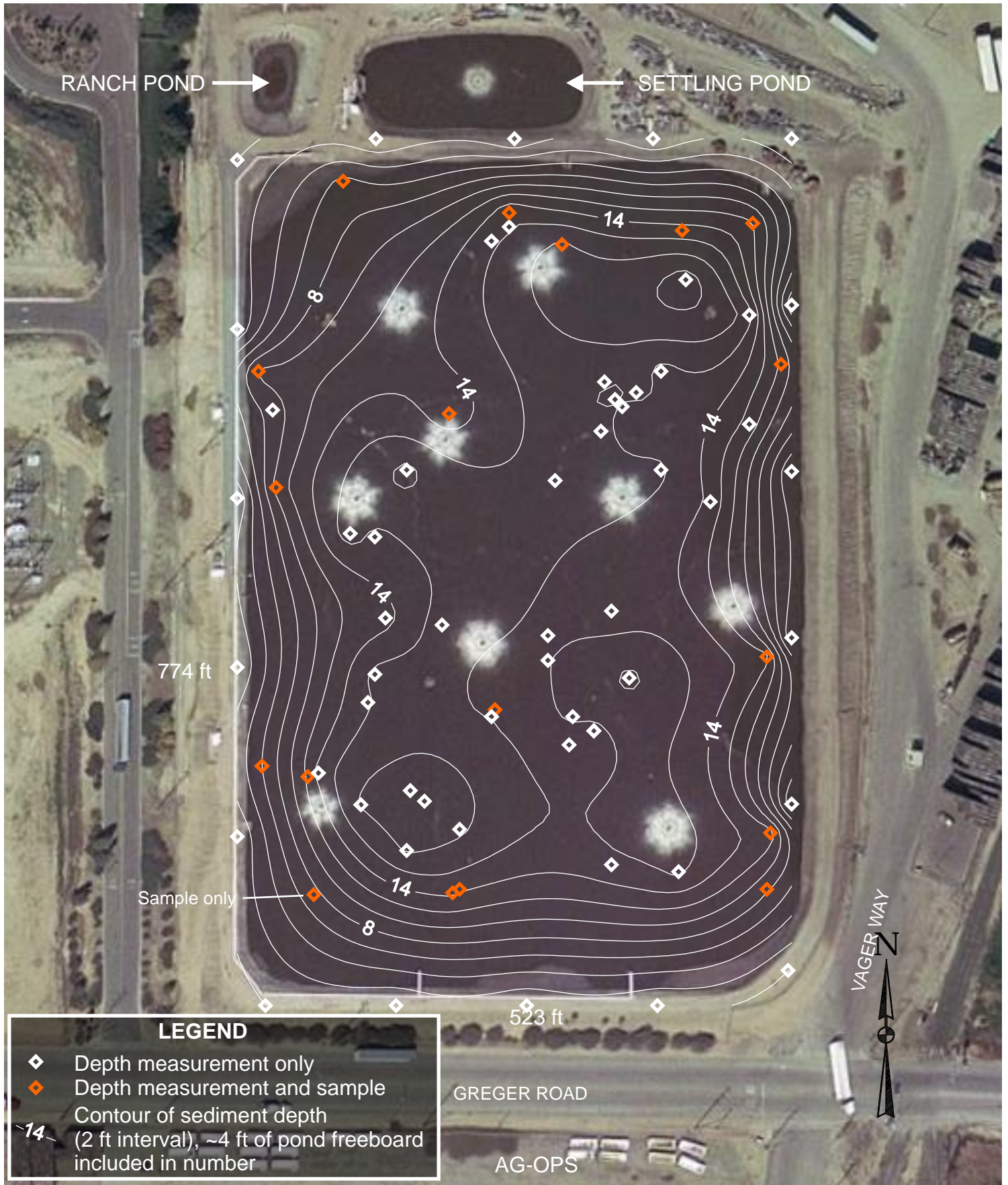
of-custody form was completed and a courier from Argon Labs/Denele Agra-Link labs of Turlock, CA picked up the samples from ConAgra the same day. A summary of the analytical data is presented on Tables 1 through 3 and laboratory data is presented in Appendix A.

The metal results are provided as CAM (California Assessment Metals) and DTPA values (Plant Available) for the 2007 aerated pond mud. CAM values reflect total values and DTPA values reflect the portion of nutrients available to plants. Total inorganic results are as follows: nitrate as N ranged from non-detect to 7.1 mg/L, pH ranged from 7.4 to 8.3, total dissolved solids ranged from 1,300 to 6,000 mg/L, specific conductance ranged from 320 to 7,200  $\mu$ S/cm, and total fixed solids ranged from 110 to 400 g/L. Total organic carbon ranged from 1,000 to 32,000 mg/kg. Average total and extractable metal results are presented in the Tables 1, 2 and 3 were compared to Title 14 Compost maximum acceptable metal concentrations on a dry weight basis. None of the analyzed total or extractable metal values are above the Title 14 Compost MCLs.

**“ Section 17868.2. Maximum Metal Concentrations.**

(a) Compost products derived from compostable materials that contains any metal in amounts that exceed the maximum acceptable metal concentrations shown in Table shall be designated for disposal, additional processing, or other use as approved by state or federal agencies having appropriate jurisdiction.

<b>Maximum Acceptable Metal Concentrations</b>	
<b>Constituent</b>	<b>Concentration (mg/kg) on dry weight basis</b>
Arsenic (As)	41
Cadmium (Cd)	39
Chromium (Cr)	1200
Copper (Cu)	1500
Lead (Pb)	300
Mercury (Hg)	17
Nickel (Ni)	420
Selenium (Se)	36
Zinc (Zn)	2800



**LEGEND**

- ◇ Depth measurement only
- ◆ Depth measurement and sample
- Contour of sediment depth (2 ft interval), ~4 ft of pond freeboard included in number

DATE:10/29/2007
SCALE: 1":120'
PROJECT NO: 102-15
DRAWN: MM
CHECKED: PFD
FIGURE: 2

AERATED POND SAMPLING AND  
MUD DEPTH MEASUREMENT CONTOURS  
CONAGRA FOODS, INC  
STANISLAUS COUNTY, CALIFORNIA



**Table 1  
Selected Analytical Parameter Results  
Aerated Pond Mud  
ConAgra, Oakdale**

Sample Name	Nitrate as N (mg/kg)	Ammonia Nitrogen (mg/kg)	Total Kjeldahl Nitrogen (mg/kg)	Total Nitrogen as N (mg/kg)	pH	Total Dissolved Solids (mg/L)	Specific Conductance (uS/cm)	Total Fixed Solids (mg/L)	Total Organic Carbon (mg/kg)	Phosphorous as P - Bray Method (mg/kg)	Potassium (mg/kg)	% Moisture	Magnesium (mg/kg)	Calcium (mg/kg)	Sodium (mg/kg)	Chloride (mg/kg)
WP-5	<2.0	ND	460	460	7.7	-	2,500	-	1,000	1	-	43	-	-	-	-
WP-9	<2.0	ND	390	390	7.6	-	1,200	-	17,000	0.8	-	41	-	-	-	-
WP-11	<2.0	ND	180	180	7.6	-	530	-	16,000	0.2	-	33	-	-	-	-
WP-12	<2.0	ND	60	60	7.4	-	320	-	18,000	<0.2	-	38	-	-	-	-
WP-28	1.1	ND	1,700	1,700	8.2	4,100	3,000	310,000	23,000	88	440	39	6500	660	290	94
WP-30	0.6	ND	1,600	1,600	7.9	3,300	1,800	270,000	21,000	84	540	29	4100	620	210	86
WP-31	<1.0	ND	1,700	1,700	8	3,600	4,100	210,000	21,000	76	930	34	3200	630	180	57
WP-32	0.7	ND	3,000	3,000	8.2	2,400	7,000	110,000	21,000	90	820	21	2000	590	190	88
WP-43	0.4	ND	3,200	3,200	8.3	1,500	6,900	130,000	17,000	86	750	21	2100	650	170	88
WP-47	0.5	ND	2,400	2,400	8.1	2,600	5,900	140,000	20,000	94	840	22	2100	610	160	47
WP-48	0.4	ND	2,400	2,400	8.2	2,300	6,200	380,000	15,000	58	980	41	2700	580	170	63
WP-53	0.4	ND	2,800	2,800	8.2	2,200	4,600	220,000	23,000	82	940	36	3000	520	160	95
WP-59	0.7	ND	2,500	2,500	8.1	1,700	7,200	120,000	21,000	78	760	20	2200	1500	150	93
WP-61	0.5	ND	1,600	1,600	8.1	1,300	3,900	400,000	17,000	106	830	39	2400	640	160	55
WP-64	0.7	ND	1,300	1,300	7.4	6,000	2,500	200,000	32,000	46	450	31	3100	970	250	91
WP-65	0.5	ND	2,000	2,000	7.9	2,400	4,600	180,000	23,000	114	810	27	2700	650	170	75
WP-66	0.5	ND	1,200	1,200	8	1,900	5,400	130,000	19,000	82	730	22	2100	660	180	88
WP-67	0.3	ND	1,800	1,800	8	1,700	4,300	290,000	22,000	114	930	34	2700	570	190	110
WP-72	1.6	ND	2,600	2,600	8.1	2,000	2,700	300,000	27,000	122	380	40	4000	470	190	66

Notes: "--" Not analyzed; "<2.0" or "ND" indicates a non-detect

**Table 2**  
**CAM Total Metals**  
**Units in mg/kg**  
**Aerated Pond Mud**  
**ConAgra, Oakdale**

Sample Name	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
WP-5	<2.0	1.5	90	<1.0	<1.0	7.8	3.6	8.6	-	10	-	<0.1	1	19	<1.0	<1.0	<1.0	6.2	58
WP-9	<2.0	1.9	92	<1.0	<1.0	6.8	3.4	9.5	-	12	-	<0.1	1	20	<1.0	<1.0	<1.0	6.4	56
WP-11	<2.0	1.3	87	<1.0	<1.0	5.9	3.7	6.1	-	12	-	<0.1	1.2	18	<1.0	<1.0	<1.0	6.4	45
WP-12	<2.0	1.2	88	<1.0	<1.0	3.2	4.8	0	-	3.2	-	<0.1	<1.0	5.6	<1.0	<1.0	<1.0	7	17
WP-28	<2.0	2.1	77	<1.0	<1.0	27	4.1	43	12000	5.5	230	<0.1	1.2	25	<1.0	<1.0	<1.0	24	83
WP-30	<2.0	2	90	<1.0	<1.0	30	4.2	53	13000	5.6	180	<0.1	1	25	<1.0	<1.0	<1.0	24	76
WP-31	<2.0	2.3	89	<1.0	<1.0	29	3.9	49	11000	5.4	140	<0.1	<1.0	25	<1.0	<1.0	<1.0	24	75
WP-32	<2.0	1.5	63	<1.0	<1.0	21	2.7	37	7200	3.5	100	<0.1	1.1	16	<1.0	<1.0	<1.0	16	55
WP-43	<2.0	1.5	58	<1.0	<1.0	18	2.7	32	8000	3.3	130	<0.1	<1.0	15	<1.0	<1.0	<1.0	16	50
WP-47	<2.0	1.6	59	<1.0	<1.0	19	2.7	31	8200	3.7	130	0.3	1.1	17	<1.0	<1.0	<1.0	17	54
WP-48	<2.0	2	71	<1.0	<1.0	26	4	36	12000	4.2	220	<0.1	<1.0	22	<1.0	<1.0	<1.0	20	52
WP-53	<2.0	1.9	60	<1.0	<1.0	20	3	35	8700	4.9	130	<0.1	<1.0	22	<1.0	<1.0	<1.0	20	59
WP-59	<2.0	1.6	58	<1.0	<1.0	17	2.7	33	7200	4.2	110	<0.1	<1.0	17	<1.0	<1.0	<1.0	17	56
WP-61	<2.0	1.5	61	<1.0	<1.0	19	3.3	25	11000	4.7	130	<0.1	<1.0	18	<1.0	<1.0	<1.0	26	50
WP-64	<2.0	2.8	71	<1.0	<1.0	23	3.3	37	10000	9.9	140	<0.1	<1.0	29	<1.0	<1.0	<1.0	28	66
WP-65	<2.0	3	75	<1.0	<1.0	24	3.6	40	8900	10	160	<0.1	<1.0	31	<1.0	<1.0	<1.0	30	71
WP-66	<2.0	1.6	52	<1.0	<1.0	15	2.5	30	7700	4.3	120	<0.1	<1.0	19	<1.0	<1.0	<1.0	19	52
WP-67	<2.0	2.1	77	<1.0	<1.0	23	3.9	38	13000	8.8	210	<0.1	<1.0	24	<1.0	<1.0	<1.0	27	69
WP-72	<2.0	2.8	87	<1.0	<1.0	28	4.2	49	13000	9.2	190	<0.1	1	30	<1.0	<1.0	<1.0	31	92
Average	NA	1.9	74	NA	NA	19	3.5	31	10060.0	6.5	155	NA	1.1	21	NA	NA	NA	19	60
Title 14 Compost MCLs	NA	41	NA	NA	39	1200	NA	1500	NA	300	NA	17	NA	420	36	NA	NA	NA	2800

Notes: "--" Not analyzed; "<2.0" or similar notation indicates a non-detect

**Table 3**  
**DTPA Metals,**  
**Units in mg/kg**  
**Aerated Pond Mud**  
**ConAgra, Oakdale**

Sample Name	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
WP-5	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	290	2.3	<20	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	1	<5.0
WP-9	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	330	3.1	<20	<0.10	<1.0	1.6	<1.0	<1.0	<1.0	1.3	5.6
WP-11	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	220	3.2	<20	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<5.0
WP-12	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	48	<1.0	22	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
WP-28	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	190	3.9	<20	<0.10	<1.0	1.9	<1.0	<1.0	<1.0	1.3	13
WP-30	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	300	1.5	<20	<0.10	<1.0	1.4	<1.0	<1.0	<1.0	1.4	5.2
WP-31	<2.0	<1.0	8.4	<1.0	<1.0	<1.0	<1.0	6.4	220	1.5	<20	<0.10	<1.0	1.4	<1.0	18	<1.0	1.5	22
WP-32	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	4.7	180	1.3	<20	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	18
WP-43	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	6.8	140	<1.0	<20	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	18
WP-47	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	5.2	140	1.1	<20	<0.10	<1.0	1.5	<1.0	<1.0	<1.0	1.3	22
WP-48	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	220	1.1	<20	<0.10	<1.0	1	<1.0	<1.0	<1.0	1.2	5.5
WP-53	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	260	1.5	<20	<0.10	<1.0	3.2	<1.0	<1.0	<1.0	1.6	11
WP-59	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	2.2	140	<1.0	<20	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	9.5
WP-61	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	120	1.1	<20	<0.10	<1.0	1	<1.0	<1.0	<1.0	1.4	7
WP-64	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	2.6	250	3.2	<20	<0.10	<1.0	6.1	<1.0	<1.0	<1.0	1.8	14
WP-65	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	3.3	240	2.7	<20	<0.10	<1.0	4.4	<1.0	<1.0	<1.0	2.1	14
WP-66	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	210	1.4	<20	<0.10	<1.0	2	<1.0	<1.0	<1.0	1.4	9.9
WP-67	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	220	1.6	<20	<0.10	<1.0	1.7	<1.0	<1.0	<1.0	1.5	5.6
WP-72	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	440	3.6	<20	<0.10	<1.0	7.2	<1.0	<1.0	<1.0	2.4	7.8
Average	NA	NA	8.4	NA	NA	NA	NA	4.5	219	2.1	22	NA	NA	2.6	NA	18	NA	1.5	12
Title 14 Compost MCLs	NA	41	NA	NA	39	1200	NA	1500	NA	300	NA	17	NA	420	36	NA	NA	NA	2800

Notes: "--" Not analyzed; "<2.0" or similar notation indicates a non-detect



Total arsenic concentrations for mud range from 1.5 to 2.8 ppm, well below the upper levels allowed in Title 14. Refer to Table above on limits. In addition, these arsenic results are similar for background soil sample results detailed in Section 4 and on Table 6. These results are also typical for soils in the Central Valley.

## 2.2 RINSE MUD WASTE CHARACTERISTICS

Based on information documented by the RWQCB, ConAgra Foods and CivilTec Engineering Inc. (U-Pond Closure Report, Dated October 23, 2003), the following U-Pond summary has been provided. For 2000 to 2002 during the fresh pack season, the U-Pond was used to recycle flume water and collect rinse mud and plant residue. The U-Pond was constructed in 2000 with a width of approximately 50 feet and a travel distance of 640 feet. The depth of the pond is estimated at approximately 10 feet below plant grade. The pond capacity is 1 million gallons. Due to high percolation rates, fresh water is used to augment the recycled water. Since the tomatoes are automatically picked, the flume water contains dirt, tomato stems and tomato residue from the fresh-tomato pick and transport. No chemicals are used in the recycling or fresh water flushes. This is not a typical wastewater process for the site since processing does not take place other than the contact of source water with the raw tomatoes and byproduct.

These residues, however, contain higher amounts of organics, sulfur and nitrates which contribute to odors during the process season. A new concrete-lined settling tank has replaced the U-Pond. On August 19, 2003, ConAgra sent a letter to the RWQCB documenting the closure efforts and disposal methodology and sediment characteristics described below, and a copy of the letter is enclosed for reference.

U-pond (Rinse Mud) Waste Material Quantity and Removal – After the 2003 rainy season, the U-Pond was allowed to dry. After drying, the upper two feet of material was removed from the pond bottom for disposal. Based on the size of the pond and truck loads removed, an approximate amount ranging from 2,300 to 2,500 cubic yards was removed from the base of the pond. The material was transported and used for soil amendment on an approximate 175-acre portion of the Brichetto Ranch on 26 Mile Road in Sections 28 and 33, T1S, R10E of the MDB&M. Stanislaus County did provide approval prior to disposal. ALP spreading of Hilmar, California provided information on the cubic yards

removed. The waste material was removed in August 2003 and no additional excavation took place.

### **Rinse Mud Sampling Efforts**

2003 Soil Sampling: On May 16, 2003, eight locations within the U-pond were sampled from beneath the two feet of excavated U-Pond material. Samples were taken by ConAgra using a post hole digger and characterized as a sandy soil. One deep excavation and seven shallow excavations were sampled. The seven shallow samples (SH-1 through SH-7) were discarded. The deep excavation (DH) was sampled every foot to a depth of five feet. Samples were labeled and submitted to Weck Laboratories in City of Industry, CA, with a duplicate sample for each depth interval. Samples were analyzed for chloride, nitrate, sulfate, alkalinity, ammonia, calcium, Electrical Conductivity (EC), copper, iron, potassium, magnesium, manganese, sodium, phosphorus, pH, Total Kjeldahl Nitrogen (TKN), Total Organic Carbon (TOC), and zinc. The results are discussed below and analytical reports are provided in Appendix A.

As indicated both fresh water and recycled water is used to rinse the tomatoes and lift them from the transport trucks to the flume catch and conveyor system. The recycled water becomes heavy with sediment during the recycle period which results potentially in the lowering of water pH which may influence the mobility of metals native to the soils and exposed metal pipes. Fresh water enhancements or treatment may be necessary to stabilize pH and reduce the potential of metal mobilization.

2004 Rinse Mud Sampling: ConAgra in preparation of a previous waiver request collected eight samples during the 2004 tomato season. The selected results are provided on Table 4 as preliminary characteristic of the rinse mud as a soil amendment. As referenced, the rinse mud samples typically consist of 75 percent water and 25 percent solids. The laboratory results are provided in Appendix A.

**Table 4**  
**Selected Rinse Mud 2004 Characteristics and 503 Metal Results**  
**ConAgra Oakdale**  
**Mud Plan**

Sample Analysis Date	pH	Soluble Salts dS/m	Chloride Percent	Nitrogen Pounds Nutrients per Ton Wet	Boron Pounds Nutrients per Ton Wet	Zinc Pounds Nutrients per Ton Wet	Total Arsenic ppm	Total Chromium ppm
7/21/04	NA	NA	NA	4.39	0.0458	0.091	2.6	14.3
8/05/04	6.2	4.1	0.31	2.87	<0.01	0.0208	2.5	12.9
8/11/04	6.5	1.6	0.14	1.1	0.005	0.005	NA	NA
9/02/04	6.8	5.3	0.29	4.16	0.04	0.08	NA	NA
9/02/04	5.5	1.8	0.10	4.09	0.026	0.026	1.2	27.3
9/16/04	5.3	2.1	0.01	12.41	0.06	0.06	ND	36.2
9/24/04	5.5	2.4	0.06	10.08	0.073	0.049	1.5	12
10/04/04	5.7	2.5	0.32	3.82	0.0225	<0.0225	NA	NA
10/06/04	5.4	2.3	0.02	2.93	0.062	0.0312	1.5	15.9
Average Nutrients Lbs/Ton of Rinse Mud Application				5.09	0.0417	0.0454		

NA = Not Available

ND = Non Detect

The results are provided as total values for the 2004 rinse mud mixture and also reflect a portion of the nutrients that are available to the plants. Sampling in the future will include both the extractable and total results. Total inorganic results are as follows; pH ranged from 5.2 to 6.8; soluble salts ranged from 1.8 to 5.3; total nitrogen ranged from 0.47 to 2.41 percent or averaged 5.09 lbs per ton of amendment; total metal results were encountered as follows: arsenic 1.2 to 2.6 ppm, boron 14 to 119 ppm (0.04 lbs per ton of amendment) and chromium from 12.9 to 36.2 ppm.

The trends in acidic pH values toward the end of the growing season may attribute to the mobility and influence the presence of chromium and boron concentrations within the samples tested. These metal values have not exceeded cleanup goals for contaminated sites established by the State except for Arsenic.

As per the 2005 guidelines established in the California EPA, Dept. of Toxic Substances and Toxic Control, Office of Environmental and Human Health – California Human Health Screening Levels (CHHSLs), the arsenic cleanup level for contaminated sites is 0.24 ppm. Note that tomato rinse mud is not generated from a contaminated facility; and as referenced in this waiver, the rinse mud is considered as compost material and soil enhancement. As per California Code of Regulations Title 14, compost material is allowed to have arsenic levels up to 41 ppm, as referenced above.

Arsenic concentrations, provided on Table 1, for rinse mud range from 1.5 to 2.6 ppm, well under the upper levels allowed in Title 14. In addition, these arsenic results are similar for background soil sample results detailed in Section 4 and on Table 5. These results are also typical for soils in the Central Valley.

ConAgra, as per their adopted WDRs, has been approved to dispose of their tomato rinse mud during the tomato harvest season at the permitted Dos Rios Food Processing Residue Use Site at 3359 Shilo Road in Modesto, CA, owned by Lyons Investments. As referenced three to four truck loads with 2,200 gallons (> 9 tons per load) of rinse water mud per truck load is hauled to the referenced site. This plan document is in support of the local use of this rinse mud for land application. ConAgra reserves the right to continue to use other facilities and investigate alternative beneficial uses for the rinse mud mixture.

2005 and 2007 Soil Sampling Efforts for U-Pond Closure: In June 9, 2005 three test pits were completed to depths ranging from 10 feet to 16 feet. Excavations were completed using a backhoe. One background test pit and two U-Pond test pits were completed. The U-Pond test pits TP-05-1 and TP-05-02 were excavated to 16 and 15 feet in depth, respectively, and were located within the pond bed. The background test pit TP-05-03 was located approximately 50 feet to the southeast of the pond and was completed to a depth of 10 feet due to collapse. Two borings were completed in July 2007 for confirmation of soils and ground water sampling. Samples were submitted to A&L Western Agricultural Laboratories, Inc. for analysis. Please refer to the *Phase II U-Pond Investigation Report (Source Identification)*, dated September 2007 for a summary of the investigations.

### 3. SOIL SAMPLING PROTOCOL

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#### 3.1 ADDITIONAL BACKGROUND SAMPLING OF AERATED POND MUD

When the water level is pumped down in the pond, mud will be collected and analyzed on an as needed or land application timing basis for the list of parameters outlined on Table 8 in Section 5. Both the extractable and total concentration methodologies will be used to assess the plant uptake capabilities and total concentrations of the mud application. Comparisons will be made to the total concentrations and agronomic needs for the nutrient parameters. In addition, the CAM 17 metals will be analyzed. Pre-excavation sampling may be completed which will include hand auger sampling at a frequency and depth to assess the material to be excavated and applied, respective of the 100 tons of material. For the pond mud, we propose collecting one sample per 100 tons of material or up to three times per week at full dredging operation, if necessary based on pre-construction sampling. The collection point within the discharge pumps will vary; however, the sample points will be random selected and the sample collected will be representative of the hauled volume. For the rinse mud, samples will be collected every ten truck loads, using the procedures described above. A limited list of parameters will be used for the rinse mud analytical testing.

Field sampling of the mud will consist of the following protocol: 1) a trigger-release dip cup will be used to remove an estimated one liter volume of the mud from the pond discharge to a dump truck or spreader, 2) a clean, laboratory provided liter jar or plastic baggie will be used to retain the sample for immediately delivery to the lab, 3) immediate analytical results will be requested, 4) the field program will be documented on field data sheets and chain of custody documentation and 5) samples will be transferred and stored on ice. A California certified laboratory will be used and results will be assessed by a specialist prior to application.

The parameters pH and EC will be collected hourly at a minimum or as appropriate to assess the pH and EC of the mud and discharge fluid. No new handling or drying areas are proposed beyond the limited interim storage within the corners of the existing aerated pond. This will primarily be a direct haul operation.

### **3.2 ADDITIONAL BACKGROUND SAMPLING TOMATO RINSE WATER AND MUD**

During the first two weeks of tomato season and on a frequency of every 10 trucks, rinse water and mud will be collected and analyzed on a rush basis for the list of parameters outlined on Table 8 in Section 5. Both the extractable and total concentration methodologies will be used to assess the plant uptake capabilities and total concentrations of the rinse mud application. Comparisons will be made to the total concentrations and agronomic needs for the nutrient parameters. We propose collecting four samples in the first two weeks prior to discharge. The collection point within the flume will vary; however, the lowest point of the flume will be sampled and the sample will be collected of the representative hauled volume.

Field sampling of the mud will consist of the same protocol shown above. The parameters pH and EC will be collected daily to assess the pH and EC of the rinse mud and flume water. Fresh water or tomato serum enhancements or treatment may be necessary to stabilize pH and reduce the potential of metal mobilization. Preferred values of pH will range from 6 to 8 standard units. Rinse mud by products can be discharged at pH levels from 3.5 to 12.0.

## **4. LAND APPLICATION AREAS AND BEST MANAGEMENT PRACTICES**

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### **4.1 AREAS AND INITIAL SOIL CHEMICAL RESULTS**

For the initial field assessments, ConAgra with the assistance of Brichetto Cattle Co. Ranches will use over 779 acres, and during the first year 120 acres of non-irrigated or micro-irrigated crop land will be used. Variations to the schedule of land application use may be considered between years depending on available fields, application periods and annual sampling results. These variations will be documented and reported each year. The details of each parcel and the typical schedule being considered for use are shown on Table 5 below. Each parcel is shown on Figures 3A through 3F. Land use within two parcels or 0.5 miles, whichever is shorter, is shown and usable areas after setbacks are designated with a blue border. On-site well locations, canals, and field drainage directions are also shown.

**Table 5 - Proposed Long-term Application Areas  
ConAgra Oakdale**

Proposed Year of Application	Proximity/Risk to Surface Water	Irrigation	Parcel Number and Figure	Hauling Route	Acres	Usable Acres After Setbacks	Crop	Location	Dominant Soil Association and Drainage and Water Capacity	Area Use	On Site Drainage	On Site Water Wells or Septic	Registered Co-Owner
2009/2011	Low	micro	64-32-06 Figure 3B	Albers/ Yosemite	156	105	1996 Almonds and 2007 Almonds	Valk Road/S Yosemite Road	San Joaquin Sandy Loam, Moderately Well Drained, 0.06 in/in capacity	South - pasture and 3 residences, One dairy, chicken farm; East - pasture, 3 residences and aggregate pit; North - pasture and Orchard/Farmer's market; West - pasture, four residences, farmer's market and industrial park.	Graded to central drainage to the west and southwest.	Northeast corner of the property one well	Elizabeth M Brichetto Part. LP
2009/2011	Remote	micro	02-59-04 Figure 3F	26 Miles to Albers/ Yosemite	138.75	80	2005 Almonds	26 Mile Rd.	Madera and Cometa Sandy Loam, Moderate to Well Drained, 0.05 and 0.08 in/in capacity	South - pasture and 20 residences; East - pasture, 2 residences and mobile home park; North - pasture and orchards; West - pasture and numerous residences.	Graded field with slope to the west toward local drainage.	Northeast corner of the property one well	John Brichetto
2010	Low	micro	06-91-01 & 06-91-02 Figure 3D	Gilbert to 26 Mile to Albers/ Yosemite	210	154 (45 and 109 acres respectively)	Pasture, plant Almonds 12/08	7971 Gilbert Road	San Joaquin Sandy Loam, Moderately Well Drained and Peters Clay, 0.08 and 0.14 in/in capacity	South - approx. 15-20 houses, church, cheese factory, orchard; East - pasture, 2 orchards, three residences, dairy; North - pasture, dairy, several residences; West - pasture and numerous residences	Graded field with drainage toward southwest.	One well on 06-91-01, and one well near southeast corner of 06-91-02	06-91-01: C & S Ranching, 06-91-02: LTD Partnership Cow Camp
2009	Low	micro	64-31-28 Figure 3C	Albers/ Yosemite	15.5	1	Oats	Albers Rd/S Yosemite Road	San Joaquin Sandy Loam, Moderately Well Drained, 0.06 in/in capacity	South - pasture and farmer's market; East - pasture and orchards; North - orchard, dairy and one residence; West - pasture, four residences and orchard.	Drainage flat slight gradient to the southwest.	No wells or septic.	Elizabeth M Brichetto Part. LP

remote = refers to only late winter hydraulic connection to surface water

low = proximity is relatively close to stream with potential winter hydraulic connection. Buffer to be used.

micro = no flood irrigation, water applied at 1.5 inches of application per day through spray nozzles near the tree trunk



**Table 5 - Proposed Long-term Application Areas  
ConAgra Oakdale**

Proposed Year of Application	Proximity/Risk to Surface Water	Irrigation	Parcel Number and Figure	Hauling Route	Acres	Usable Acres After Setbacks	Crop	Location	Soil Association and Drainage Capacity	Area Use	On Site Drainage	On Site Water Wells or Septic	Registered Co-Owner
2010/2011	Low	micro	63-05-04 Figure 3E	Crane Road to F Street to Albers/ Yosemite	244.7	180	Mature Walnuts	8700 N Crane Rd	Hanford/Tujunga Sandy Loam, Deep, Well Drained, 0.14 to 0.07 in/in capacity	South - housing development, city water well, East - school, church, housing development, orchards; North - Stanislaus River; West - 62-04-02, orchards, numerous residences, transition land.	Portion south of bluff - rapid drainage through sandy loam; portion north of bluff - drainage towards bluff	Septic and well at ranch house. City well near south border (offsite) and OID river pump to northwest (offsite)	Elizabeth M Brichetto
2010	Low	micro	02-12-63, shown on Figure 3F	26 Miles to Albers/ Yosemite	372.26	328	Almonds (2 to 6 years)	12019 26 Mile Rd	Madera and Cometa Sandy Loam, Moderate to Well Drained, 0.05 and 0.08 in/in capacity	South - 02-59-04; East - pasture, 4 residences and mobile home park; North - pasture; West - dairy, nursery, pasture and numerous residences.	Fields drain towards drainages running through north and south portions of the property	Two wells - mid-west and mid-east of property.	John Brichetto
2010	Low	micro	62-04-32, 62-04-29, 62-04-02 shown on Figure 3E	Crane Road to F Street to Albers/ Yosemite	122.6	95 (23, 47 and 25 acres respectively)	2000/2001 Walnuts	Brady Road	Hanford/Tujunga Sandy Loam, Deep, Well Drained, 0.14 to 0.07 in/in capacity	South - residences, orchards; East - 63-05-04; North - Stanislaus river; West - orchards, agriculture	Rapid drainage through sandy loam.	No wells or septic. Well to SE (off-site)	62-04-29: John Brichetto, 62-04-32: John Brichetto, 62-04-02: John Brichetto
2010	Low	micro	63-04-30, 63-06-01, shown on Figure 3E	Crane Road to F Street to Albers/ Yosemite	16.142	3 (1 and 2 acres respectively)	1976 Almonds	Walnut Street	Hanford/Tujunga Sandy Loam, Deep, Well Drained, 0.14 to 0.07 in/in capacity	South - housing development; East - housing development; North - Stanislaus river; West - 63-05-04	Rapid drainage through sandy loam.	No wells or septic.	John Brichetto
2011	Low	micro	64-31-29, shown on Figure 3B and Figure 3C	Albers/ Yosemite	81.05	50	Pasture, 1996 Almonds	Albers Road	San Joaquin Sandy Loam, Moderately Well Drained, 0.06 in/in capacity	South - 64-32-06; East - pasture; North - 64-31-28; West - pasture, farmers market, orchards, 3 to 6 residences	North part of field drains toward drainage running south-southwest; south portion drains to the south-southwest	No wells or septic.	John Brichetto

remote = refers to only late winter hydraulic connection to surface water

low = proximity is relatively close to stream with potential winter hydraulic connection. Buffer to be used.

micro = no flood irrigation, water applied at 1.5 inches of application per day through spray nozzles near the tree trunk

The referenced dominant soil associations noted in Table 5 are as follows: Hanford, Cometa, Tujunga, Snelling, Madera and San Joaquin sandy loams to loamy sands are depicted. These soils are considered in general deep, moderate to well drained or slow to moderate water movement. Hard pan is typically observed for the Madera and San Joaquin Soils. Water capacity ranges from 0.05 to 0.15 in/in. Refer to Section 5 for more details on the setting.

In preparation for this proposed effort, over ten background soil samples were collected on May 6, 2005 by John Brichetto and on June 30, 2005 by Pat Dunn of DE from the two sites referenced as the Kaufman Road and 26-mile road locations. The samples were collected by hand augering to a depth of one foot and compositing the 0-1 foot interval into a zip-lock bag. Soils were described in the field using the Unified Soil Classification System as follows: Parcel 02-59-04 – Sandy Clay, light brown, low plasticity, dry, visible organics; Parcels 63-28-11, 63-28-26, 64-31-40 and 63-25-15 – Sandy Silt, olive gray, trace organics, loose and dry.

The soils were transported immediately to A&L Analytical in Modesto, CA. Appendix B provides the sample results analyzed to date. The May and June 2005 soil sample results were available for this review. In addition, historical background sample information is provided for the ongoing annual efforts for ConAgra associated with the existing land application area and the abandonment of the Upond on site. Those sample results are also summarized herein. The APN maps for the referenced application areas are provided in Appendix C.

The results are provided as total values for the 2005 soil samples and also reflect a portion of the nutrients that are available to the plants. Total inorganic results for soils are as follows; pH ranged from 4.9 to 8.2, average 6.5; soluble salts (electric conductance) ranged from 0.2 to 0.7 dS/m or mmhos/cm, average 0.5 dS/m; total nitrogen as nitrate ranged from 1 to 37 ppm, average 10.7 ppm. The selected total metal results were detected as follows: arsenic ranged from non-detect to 2.1 and total chromium ranged from 5.9 to 37.3 ppm, average 15.9 ppm. The nutrients Boron and Zinc were found at levels averaging 13.6 and 13.9 ppm, respectively. Refer to Table 5.

For comparison purposes, the amendment and soils are suitable for plant growth per the direction of A&L Laboratories. The natural soil pH values are slightly acidic to basic which supports the potential lower risk of using lower pH water. For the metals boron and chromium, the natural soil levels are similar to the

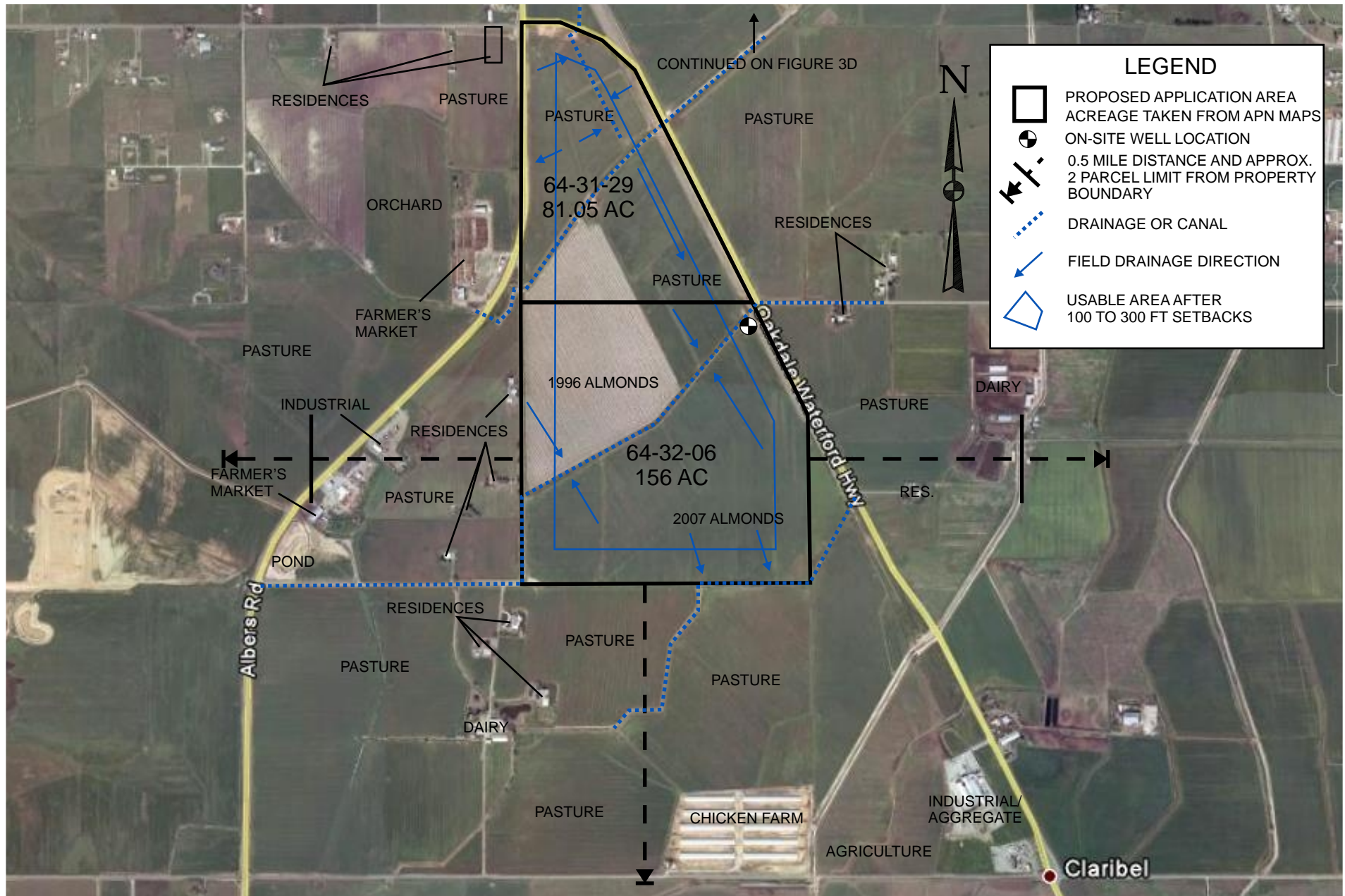
concentrations observed in the pond mud. Additional comparisons will be made once the additional data is collected during the hauling process or if additional pre-haul sampling is determined to be necessary.

For the 2009 through 2011 growing season, the background soil quality assessment will be prior to and after application for each application area to be considered for application that next year. Sampling will be completed prior to and several weeks after application during the first year of use. The assessment for the next growing year will be detailed in the annual report. Refer to Section 6.

**Table 6**  
**2004/2005/2008 Background Soil Analytical Results**  
**ConAgra Oakdale**

ANALYTICAL PARAMETERS	BACKGROUND SAMPLE ID																		Average
	U-Pond Background 2005		Annual 2004 Background Sampling				2005 (Brichetto) Background Sampling, May 05				Annual 2005 Sampling (refer to Annual Report)	2005 DE Soil sampling 6/30/05 (0-1 ')					Annual 2008 Sampling (Refer to Annual Report)		
	TP-05-03 2'	TP-05-03-12'	BG-1 1'-2'	BG-1 2'-3'	BG-1 3'-4'	BG-1 4'-5'	Crane Rd	Brady Rd N	26 MI Rd Blk 5	26 MI Rd Blk 6-7	BG 1 0-1'	63-28-11	63-28-26	64-31-40	63-25-15	02-59-04	BG-2 0-1'	BG-2 1-2'	
pH	7.3	8.2	6.1	6.6	7	6.6	7.2	6.5	5.6	7.2	4.9	5	6	4.8	7.5	5.4	6.9	7.4	6.5
CEC meq/100g	3.8	2.4	14.3	13.8	13.9	12.2	NA	NA	NA	NA	14.7	14.8	16.4	20.6	12.8	12.2	16.9	20.2	13.5
Nitrogen as Nitrate ppm	2	4	14	25	9	9	4	4	16	8	21	2	6	26	4	37	1	1	10.7
Sulfur as Sulfate ppm	21	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	8	5	3	6	8	123	112	31.9
Total Arsenic ppm	NA	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	NA	1.9	2.1	1.5	1.8	1.1	NA	NA	1.7
Total Chromium ppm	NA	NA	NA	NA	NA	NA	5.9	37.3	13.3	19.2	NA	12.6	13.3	15.5	13.6	12.4	NA	NA	15.9
Zinc Zn ppm nutrient	3	1.4	0.4	0.4	0.2	14.1	28.9	67.3	55	70	0	0.5	1.3	0.9	3.4	1.8	1.1	0.8	13.9
Boron B ppm nutrient	0.2	0.1	0.2	0.2	0.7	0.2	60	83	52	46	0.2	0.1	0.4	0.2	0.1	0.2	0.11	0.14	13.6
Chloride Cl-meq/L	0.3	0.3	0.5	1.2	2.4	1.7	NA	NA	NA	NA	0.3	0.1	0.3	0.1	0.8	0.1	1.9	1.9	0.9
EC dS/m or mmhos/cm	0.6	0.2	1	1.4	1	0.7	0.2	0.3	0.5	0.6	0.8	0.1	0.2	0.5	0.3	0.5	0.65	0.3	0.5
Alkilineity CO <sub>3</sub> meq/L	0	0	0	0	0	0	NA	NA	NA	NA	0	0	0	0	0	0	NA	NA	0.0
Alkilineity HCO <sub>3</sub> meq/L	0.9	1.2	1	0.9	1.1	1.2	NA	NA	NA	NA	0.5	0.4	1.1	0.8	1.5	0.7	NA	NA	0.9
SAR	4.7	2.3	3.2	3.1	3.7	3.7	NA	NA	NA	NA	0.6	0.8	0.6	0.3	1.3	0.5	NA	NA	2.1
TOC ppm	1700	1200	5900	6700	6200	5500	NA	NA	NA	NA	>.1	5900	8100	11600	6400	8700	5300	4700	5992
TKN ppm	626	350	773	612	544	473	NA	NA	NA	NA	834	719	1096	1185	750	973	191	87	658

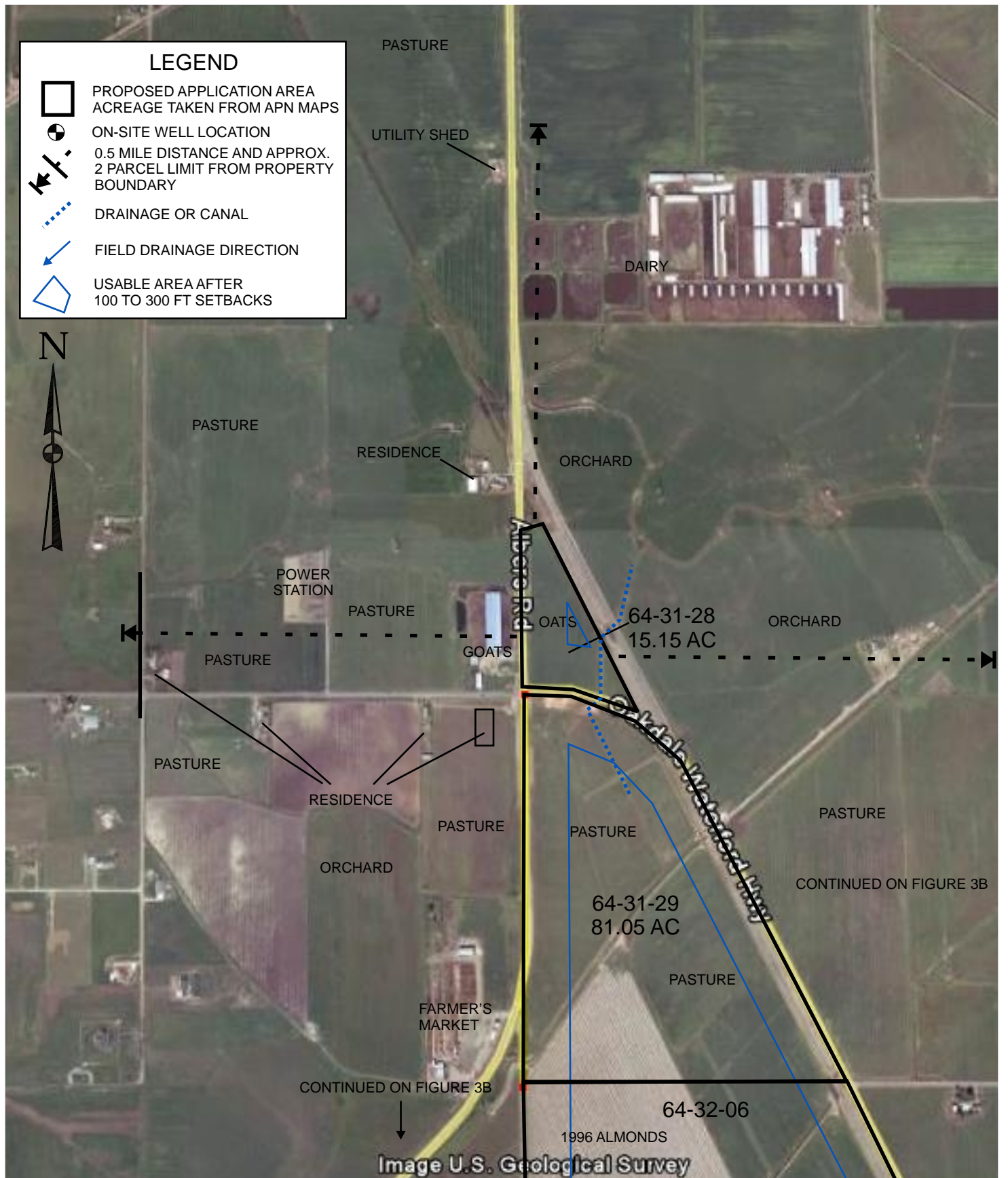
**Figure 3a Application Area Map – Kaufman Road**  
(Within City Limits – Removed)



DATE: 10/15/2008
SCALE: 1":1200'
PROJECT NO: 102-15
DRAWN: MM
CHECKED: PFD
FIGURE: 3B

APPLICATION AREA MAP -  
VALK ROAD  
CONAGRA FOOD, INC  
STANISLAUS COUNTY, CA





**LEGEND**

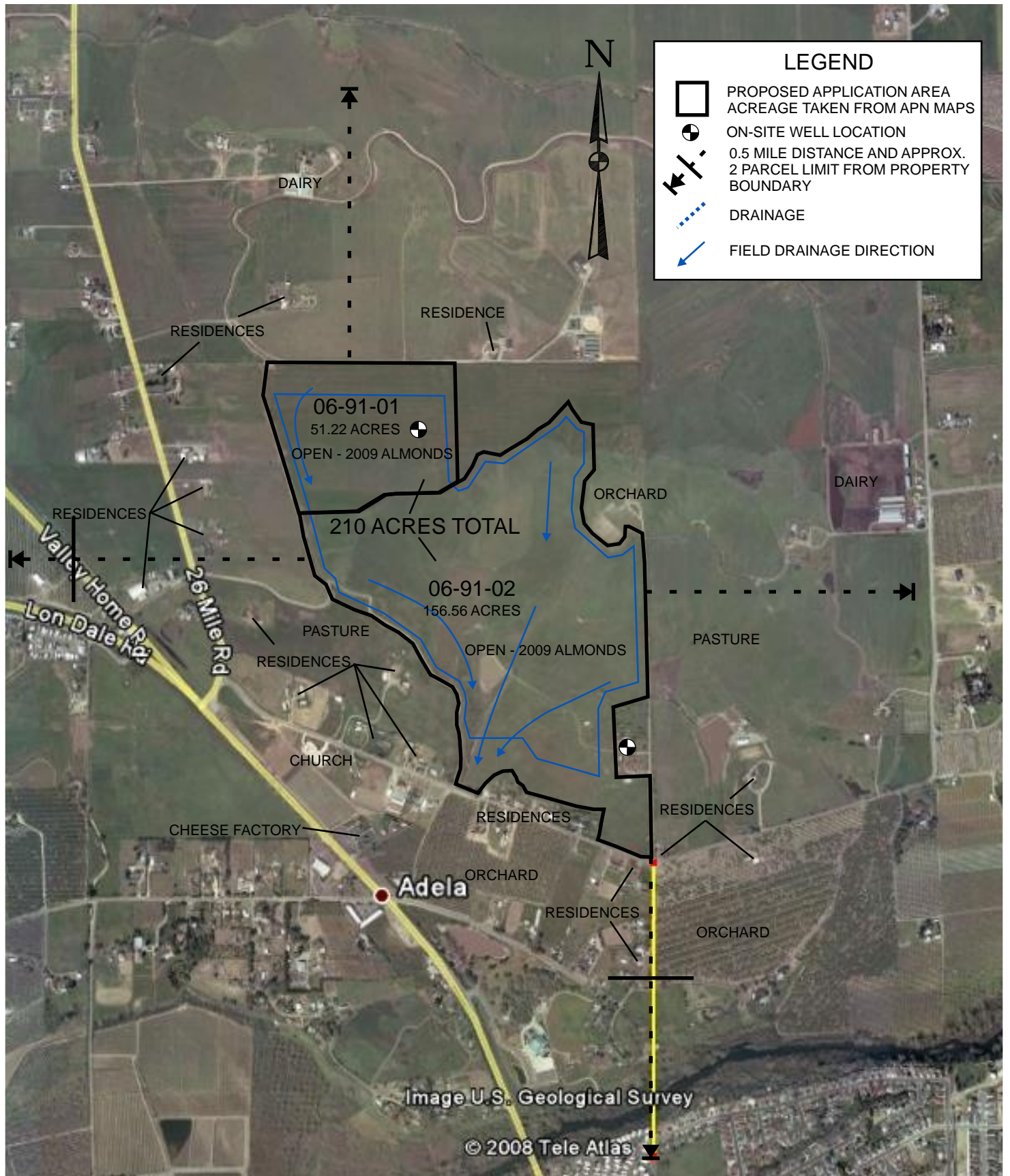
- PROPOSED APPLICATION AREA  
ACREAGE TAKEN FROM APN MAPS
- ON-SITE WELL LOCATION
- 0.5 MILE DISTANCE AND APPROX.  
2 PARCEL LIMIT FROM PROPERTY  
BOUNDARY
- DRAINAGE OR CANAL
- FIELD DRAINAGE DIRECTION
- USABLE AREA AFTER  
100 TO 300 FT SETBACKS



DATE: 10/15/2008
SCALE: 1":880'
PROJECT NO: 102-15
DRAWN: MM
CHECKED: PFD
FIGURE: 3C



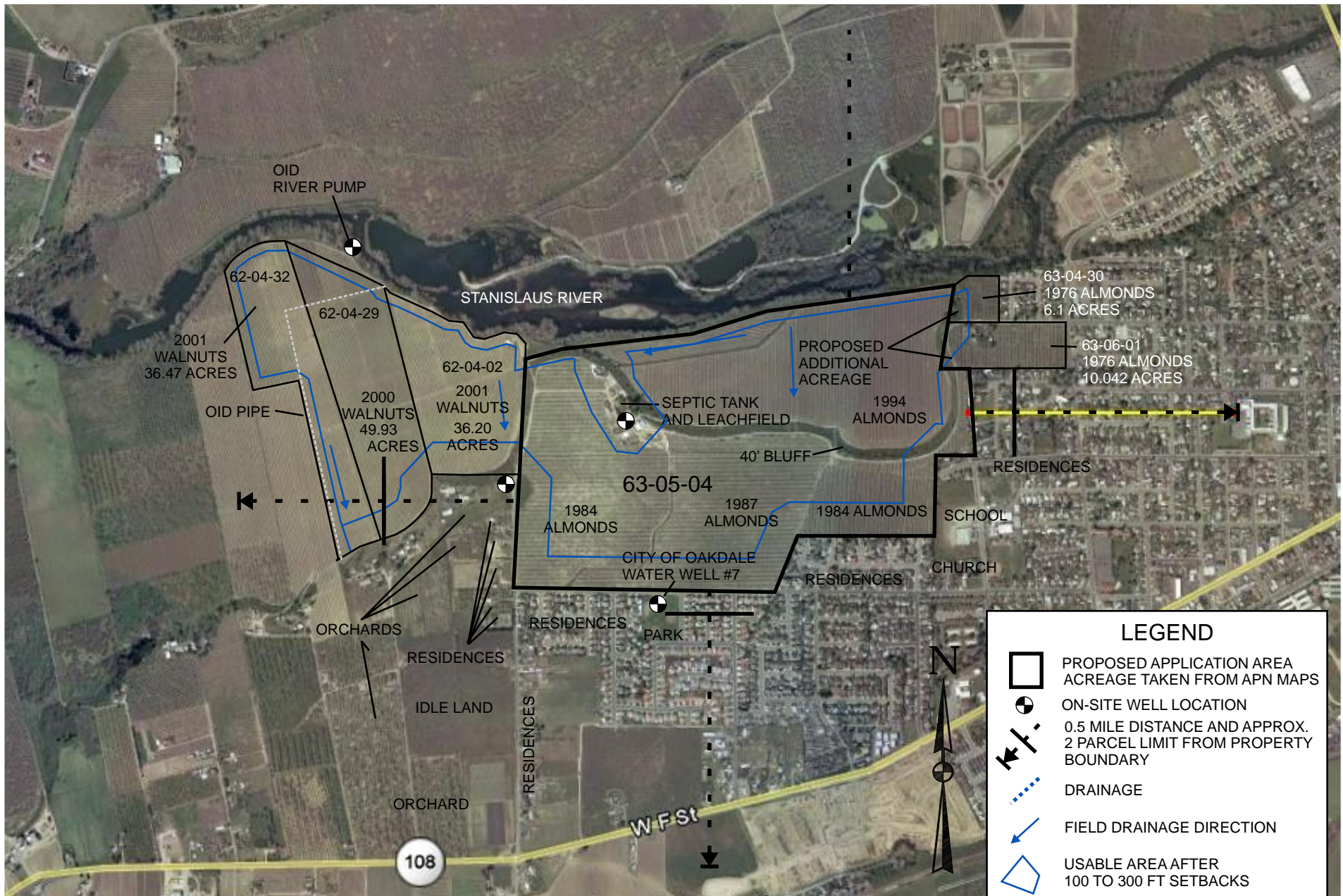
APPLICATION AREA MAP-  
ALBERS AND WATERFORD  
CONAGRA FOOD, INC  
STANISLAUS COUNTY, CA



DATE: 10/15/2008  
 SCALE: 1":1200'  
 PROJECT NO: 102-15  
 DRAWN: MM  
 CHECKED: PFD  
 FIGURE: 3D

APPLICATION AREA MAP-  
 GILBERT ROAD  
 CONAGRA FOOD, INC  
 STANISLAUS COUNTY, CA

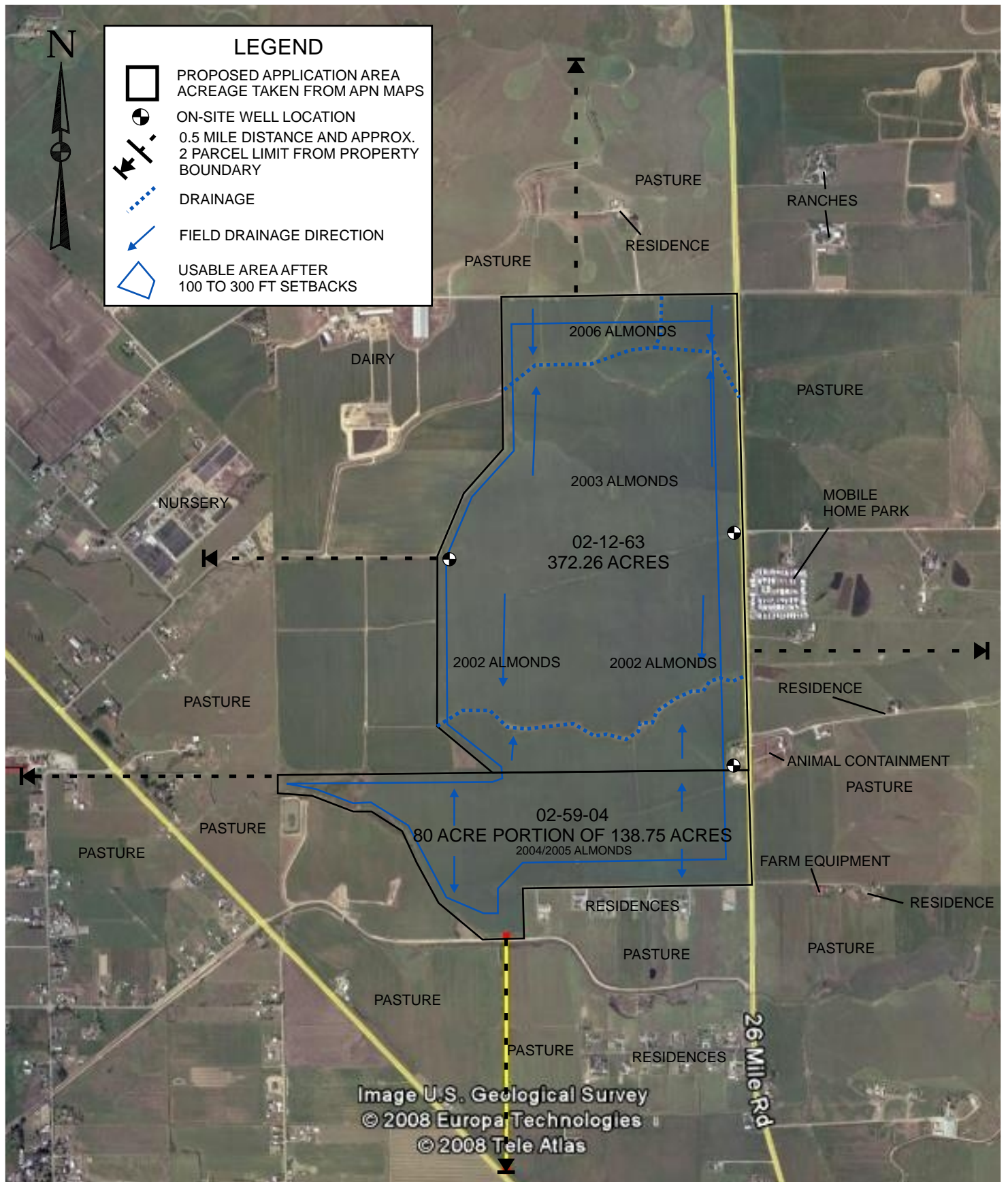




DATE: 10/15/2008
SCALE: 1":1300'
PROJECT NO: 102-15
DRAWN: MM
CHECKED: PFD
FIGURE: 3E

APPLICATION AREA MAP -  
 N CRANE AND BRADY ROAD  
 CONAGRA FOOD, INC  
 STANISLAUS COUNTY, CA





**LEGEND**







-  PROPOSED APPLICATION AREA  
ACREAGE TAKEN FROM APN MAPS
-  ON-SITE WELL LOCATION
-  0.5 MILE DISTANCE AND APPROX.  
2 PARCEL LIMIT FROM PROPERTY  
BOUNDARY
-  DRAINAGE
-  FIELD DRAINAGE DIRECTION
-  USABLE AREA AFTER  
100 TO 300 FT SETBACKS

Image U.S. Geological Survey  
 © 2008 Europa Technologies  
 © 2008 Tele Atlas



DATE: 10/17/2008
SCALE: 1":1500'
PROJECT NO: 102-15
DRAWN: MM
CHECKED: PFD
FIGURE: 3F

APPLICATION AREA MAP  
 26 MILE ROAD  
 CONAGRA FOOD, INC  
 STANISLAUS COUNTY, CA

## 4.2 BEST MANAGEMENT PRACTICES

Best Management Practices (BMPs) refer to a set of operation methods employed to limit potential impacts to water quality. Activities related to mud as a soil amendment are directly related to the transportation, temporary storage (if necessary), application and incorporation of the referenced material. Brichetto Ranches will be retained to manage, control and keep records associated with the application of the soil amendment stated herein.

### *Transportation of Aerated Pond Mud and Rinse Mud*

The mud will be transported in covered water-tight top truck tank containers (side or rear dump) or water-tight roll-off bins. As referenced in Section 4, the target pH values prior to transport will range between 6 and 8 standard pH units preferred. Rinse mud is allowed at lower pH levels, ranging from 3.5 to 12 standard pH units.. BMPs will include keeping the capacity of the containers to less than 60% to avoid spillage during transfer. The bottom and side floors will be water tight. Baffles will be placed within the containers to reduce the movement of the load. Between loads water rinsing may be necessary to reduce odors. As referenced, fresh water or treatment may be needed for pH adjustment.

### *Application of Aerated Pond Mud*

Application shall be completed throughout the year weather and operation permitting. Primarily one application shall occur during the early to late spring and one should occur after crop harvest. Based on the available fields for application, we anticipate numerous application during a growing season based on agronomic rates.

On site temporary holding storage bins for direct application may be used. Stockpiles on plastic or within existing on site ponds may be generated for drying. Wastewater will drain to the treatment ponds. Steel open-topped, holding tanks may be used to hold mud prior to using a vacuum tank or manure spreader for application. Holding periods on the land application properties will be less than 72 hours. For the application of mud on land where oats will be grown, the direct transfer from the transport truck will typically occur. Oat, almond and walnuts fields may be disked prior to application. Application will include the spreading of mud at an average depth of less than two inches per application. To prevent over-saturation, different areas or discharge track will be

used for each pass. The areas that have received rinse mud will be disked to a minimum of six inches in depth to incorporate mud into soil within 72 hours of application to prevent nuisance conditions in accordance with waiver provisions. The area will be redisked if odors are observed. Note other mitigation measures below.

One hundred foot setback distances from low lying drainage areas will be maintained during application. Inspection forms will be used to document the observations, type and amounts. Additional setbacks are shown on the figures.

The following potential nuisance conditions will be addressed in the following manner:

*Excessive Liquid and Moisture:*

Excessive liquid and moisture accumulation will be addressed by the assessment of water content prior to shipping and field preparation efforts. A drying area will be used on the ConAgra facility prior to hauling, if available or necessary. The grading of the site will be completed so that maximum adsorption will occur. Staging area and field preparation may consist of the application of dry manure or compost in a thin lift to maximize adsorption. Agronomic rates will be closely observed for these applications. Dry product will be added to reduce the percolation of the wet material.

*Excessive Noise:*

Utilized equipment will be in good working condition to minimize excessive noise. In addition, the rural setting of the proposed application areas will reduce the number of noise receptors.

*Excessive Dust:*

In order to reduce potential dust emissions from roadway and site use, a water truck with spray nozzles will be used as warranted. Road gravel, composed of 2-inch or greater size gravels, will be used. Speed reduction signs will be used as necessary. Tarp covers may be necessary during high winds.

*Excessive Objectionable Odor:*

Haulers will cover loads from the ConAgra Facility to the application area. To reduce objectionable odors at the application fields, spreading and disking will be the primary mitigation measure. Earlier application or re-disking will be completed as needed. If odors persist, different staging and application area locations will be selected.

*Excessive Fly, Mosquito and/or Vector Nuisance:*

Similar mitigation measures used for odors will be used to reduce flies, mosquito and vector concerns. Incorporation with spreading and disking within 48 to 72 hours will reduce the potential of nuisances and odors discussed above. If nuisances persist, changed locations will be strongly considered and moisture content will be modified with mixing.

*Severe and Inclement Weather:*

If rain is forecasted, application of by-product will not take place. Storage areas that drain to the ConAgra Wastewater Treatment Facility will be used for staging purposes. Stored piles will be placed on plastic and covered with plastic as necessary. A general goal of seven days of drying (insignificant rain events resulting in no saturation) will be used prior to by-product placement on fields.

*Loading Rates based on Aerated Pond Mud Results*

The nitrogen loading, inorganic and organic loading rates are significantly below the required nutrient levels for oats, almonds and walnuts. The rinse mud detected metal constituents are within the range of the soil results as described above. In addition, the hydraulic loading and subsequent nutrient loading is extremely low and protective of ground water. The Western Fertilizer Handbook and recommendations from the project certified agronomist, Terry Prichard, were used for the following plant uptake or agronomic values for the following crops:

Recommended Total Nitrogen Application Rates:

**Oats: 160 lbs/acre/yr**

**Young Almonds and Walnuts: 130 lbs/acre/yr**

Total nitrogen as N uptake for oats is 160 lbs/acre/year, and young almond and walnuts are 130 lbs/acre/yr. Total Nitrogen as N results for the aerated pond mud range from 0.12 lbs/ton to 6.4 lbs/ton with an average of 3.46 lbs/ton. For an application rate of 130 lbs/acre/year, the average Total Nitrogen as N concentration of 3.46 lbs/ton would allow 37.5 dry tons/acre/year of waste and 55.34 wet tons/acre/year of waste, given an average moisture of 32.2% by weight. Due to a lower relative loading rate for almonds/walnuts, total nitrogen as N limits the total application volume per year. For 80 acres of almond/walnut fields, approximately 4,400 tons or 480 loads (9 ton loads) could be applied per year without exceeding 130 lbs/acre/year of total nitrogen as N. This translates to approximately less than 4 inches of application per acre. Refer to Table 7 for a comparison of the suggested application rates to the observed concentrations in the aerated pond mud.

Available potassium uptake for oats, young almonds, and young walnuts is 60 lbs/acre/yr. Available potassium ranges from 0.76 to 1.96 dry lbs/ton with an average of 1.48 lbs/ton. Approximately 59.8 wet tons/acre/year of waste could be applied. Due to the higher total nitrogen as N uptake for Oats, potassium provides the limiting volume for application per year instead. Approximately 2,360 tons, or 260 loads (9 ton loads) could be applied per year without exceeding the 60 lbs/acre/yr limit for potassium. This translates to approximately less than 3 inches of application per acre. Refer to Table 7 for a comparison of the suggested application rates to the observed concentrations in the aerated pond mud.

Available phosphorus uptake for oats, young almonds, and young walnuts is 60 lbs/acre/yr. Available phosphorus ranges from non-detect to 0.24 dry lbs/ton with an average of 0.14 lbs/ton. Approximately 636 wet tons/acre/year of waste could be applied.

For the parameters copper, nickel, boron and zinc, the application rates would be less than 1 lb/acre/year or approximately 1 ppm to 6-inch depth of incorporation. The application rate of arsenic and chromium would be similar.

Total nitrogen and potassium are the limiting factors as it provides the lowest waste loading rate of the analyzed parameters. Land applying the waste at rates greater than 59.3 wet tons/acre/year of wet waste would exceed the plant uptake and potentially impact groundwater. For the proposed 2008 application acres of 120 acres, the application rate would be approximately 130 lbs/acre/year based on nitrogen loading rates to trees. This is a very conservative nitrogen

application rate since only ammonia nitrogen and nitrate nitrogen are available for plant uptake. Ammonia and nitrate nitrogen were analyzed at three orders of magnitude lower in concentration than total nitrogen, refer to Appendix A. For the 2008 season, the 120 acre parcels oats and almonds respectively would be needed for application.

#### *Application of Rinse Mud*

Application of rinse mud will follow the rates outlined above and on Table 7. Specific information is as follows for historic data provided in Section 2.2 Rinse Mud Characteristics and until the rinse mud samples are collected in 2009. Rinse mud results indicate an application rate would be 130 lbs/acre/year for forage crops is achievable. This is a very conservative nitrogen application rate since only ammonia nitrogen and nitrate nitrogen are available for plant uptake. Ammonia and nitrate nitrogen were analyzed at three orders of magnitude lower in concentration than total nitrogen. For the parameters boron and zinc, the application rates for nitrogen would accumulate less than 1 lb/acre/year or approximately 1 ppm to 6-inch depth incorporation after disking. The application rate of arsenic and chromium would be similar.

#### *Pre and Post Application Soil Sampling and Mud Sampling*

Section 5 provides the soil sampling details. Section 3 provides details of the mud sampling.

#### *Application Log and Record Keeping*

A written log will be maintained documenting the number of loads and quantity of mud applied to each site. Documentation should include the daily pH of the rinse mud, application method used (vacuum truck or dump truck), inches applied and disking practice. The pH readings will be recorded at the plant prior to leaving the facility. The application areas will be detailed on a map. Refer to Appendix C for the daily application log form.

**Table 7**  
**Application Summary**  
**Trees limited by N, Oats limited by K**  
**ConAgra, Oakdale**

	Total N	Available Phosphorus	Available Potassium	DTPA Copper	DTPA Nickel
<b>Walnuts/Almonds - Maximum lbs/ac/yr</b>	130 lbs/ac/year	60 lbs/ac/yr	60 lbs/ac/yr	1 lb/ac/yr	1 lb/ac/yr
Tons of Wet Waste Allowable/ac/yr*	55.3	636	59.6	449	407
Tonnage/Loads for 80 acres of Walnuts/Almonds	Approximately 4,400 tons, 480 loads (9 ton loads)				
<b>Oats - Maximum lbs/ac/yr</b>	160 lbs/ac/year	60 lbs/ac/yr	60 lbs/ac/yr	1 lb/ac/yr	1 lb/ac/yr
Tons of Wet Waste Allowable/ac/yr*	68.1	636	59.6	449	407
Tonnage/Load for 40 acres of Oats			Approximately 2,360 tons, 260 loads (9 ton loads)		

Based on an average moisture of 32.2%

Each year after the harvest season ends and post application sampling is completed, a summary report will be compiled and forwarded to ConAgra and the County. The report will contain specifics on the annual application under this program, refer to Section 6. The selection of specific areas to be applied during the next growing season will be detailed in that report.



## **5. APPLICATION AREA BACKGROUND AND SOIL SAMPLING PROTOCOL (PREAPPLICATION AND POST APPLICATION PROTOCOL)**

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DE understands that the following physical conditions exist that support the application of this soil amendment onto the ground. The sampling protocol will commence pre and post application. The post application will take place after the oat or tree crop is harvested.

### **5.1 CROP NUTRIENT UPTAKE SUMMARY**

The success of a plant to uptake nutrients relates to water quality in that whatever nutrients are not taken up by the plant become available to ground water or surface water resulting in potential impacts. Plant uptake of nutrients relates to the following variables:

1. Plant Type – Different plants have different abilities to uptake nutrients related to rooted depths. For the referenced property Application Area 1, 2008 growing season winter oats will be used. Refer to Figure 3a; this property is located south of the ConAgra plant. For the Area 2 - 26 mile road property (refer to Figure 3b), the crop is non-producing young almonds. The rooted depth maximum for winter oats is one foot with 80 percent of the root mass occurring within the first foot of depth. Two year old almonds have a rooted depth of approximately four feet.
2. Application Rates –The nitrogen loading described herein is well below the recommended agronomic rates of 160 and 130 lbs/acre/yr, respectively. Post application soil sampling activities will focus on areas that may receive the highest application. Future years the crop and rate of application will be closely evaluated.
3. Soil Type – Soil type variation is significant across each ranch and is considered the most important factor in assessing nutrient migration through the subsurface, plant rooted depth and potential impact to ground water. Soil type is the most significant factor in determining the sample location rationale. We anticipate the highest residual concentrations to be present in the clay rich soils.
4. Topography and Proximity to Surface Water Areas – Low lying topography and proximity to the ditches is the second most important factor related to sample location across the application area.

In summary, pre and post application soil samples representing worst case residual nutrient levels are clay rich soils located in low lying topographic areas. Details will be provided after each sampling event. At a minimum samples will be collected every ten acres. Composite samples may be collected to a depth of four feet depending on plant rooted depth and soils encountered.

## **5.2 PHYSIOGRAPHIC SETTING**

The ConAgra Facility is located in southeast Oakdale, California. The topography in the reference application areas is generally flat along the southern areas with rolling hills dominating the application areas to the North.

### **Regional Geology**

The plant and application areas are located along the eastern margin of the San Joaquin River Basin. The geology is comprised of alluvial deposits of the ancestral Stanislaus River underlain by bedrock. The unconsolidated deposits comprise an estimated thickness from 50 to 1000 feet along this eastern margin Modesto Area. The regionally continuous clay member between the upper alluvial deposits has been encountered significantly in areas throughout the County and near the site. This clay member overlies the Mehrten Formation at depth. Typically at great depths are the bedrock formations believed to consist of the Ione, Valley Springs and Mehrten Formations.

### **Area Soils and Geology**

The Soil Survey, Oakdale Area, California indicates that the soils underlying the proposed 2008 application area are comprised of the Montpellier-Whitney, San Joaquin-Madera, Snelling, Hanford-Tujunganga and Hopeton-Peters soil associations. The Montpellier-Tujunganga and San Joaquin-Madera association is affiliated with hardpan soils on moderately old fans and terraces. The Snelling association is affiliated with deep moderately well drained, moderately permeable soils on moderately old fans and terraces. The Hanford-Tujunganga association is affiliated with deep well drained soils of alluvial fans from the Stanislaus River. Hopeton-Peters association is affiliated with shallow to moderately deep, medium textured soils on lacustrine or mixed sediments. Hardpan material is anticipated 4 to 5 feet below the surface. Four primary soil types can be found across the South and North Area Ranches. The soil types are clay, clay loam, loam and sandy loam. As indicated above, soil types are

significant when assessing nutrient migration and the retention of potential contaminants.

The geology consists of the interbedded alluvial sands and clays of the ancestral Stanislaus River. Significant sand units have been found at surface at the plant site, and 40 feet to 60 feet below ground surface (bgs) at locations on the Brichetto Ranch.

### **Regional Hydrogeology**

The ConAgra Facility and the Land Application Area is located within the northwestern half of the Modesto sub basin of the San Joaquin River Basin as per Department of Water Resources (DWR) Bulletin 118. The Modesto sub basin lies between the Stanislaus River to the North and the Tuolumne River to the South. The 26 Mile Rd application area for 2008 and the future Gilbert Rd application area is located in the Eastern San Joaquin sub basin. Regional ground water flow is typically found within primary and secondary porosities within sandy alluvial deposits in the area. This primary ground water flow occurs within the sands of the Forebay Deposits, Riverbank and Modesto Formations at depth. Ground water is encountered in unconfined, semi-confined and confined conditions. The Mehrten Formation, comprised of permeable sands and gravels interbedded with clays lies at depths greater than 140 feet. Ground water flow is to the southwest toward the San Joaquin River Valley. Water levels have declined historically in the area.

Regional ground water is considered a calcium-sodium bicarbonate water type with TDS values ranging from 60 to over 8,000 ppm. In the basin elevated levels of chloride, boron, nitrate, iron and manganese are known to exist.

### **Specific Hydrogeology**

Based on information from the 17 monitoring wells on the ConAgra Plant and the land application monitoring wells, ground water is encountered at depths of approximately 70 feet below ground surface. Monitoring wells are screened within permeable sands and gravel. Typically ground water flows to the south and southwest in the area depending on the proximity to streams and creeks.

For this application project the mud application on Kaufman Road, can be evaluated through existing ground water monitoring wells. The monitoring wells MW-1 and MW-6 on the agricultural operations area at the ConAgra Plant

are upgradient of the referenced parcel 63-28-26 and 63-28-11. The monitoring well LAMW-9 is directly downgradient.

No monitoring wells are in proximity to the other referenced mud application areas. Ground water depth varies on the order of 20 feet.

### **5.3 SOIL SAMPLING RATIONALE AND APPROACH**

The referenced fields used for land application have been selected based on the distance from surface water features, soil and plant type. Figures 1 and 3a through 3f depict areas of application. Table 4 and the figures also depict the application area and soil types. The soil sample location rationale is as follows:

1. Soil Types - The soil types are specific to each referenced area. Specific site sampling will be used to refine the generalized soil type.
2. Topographic Location – As indicated above, application will take place where possible on the highest topographic areas. The low lying defined-ditch discharge areas will be avoided and setback will be used as a best management practice.
3. Sample Depth – Composite soils at a minimum will be collected from 0-1 feet, 1-2 feet below surface grade. Additional depth discrete sampling will be done based on soil and plant rooted depth. Soil descriptions will be used to identify the vertical profile within the soil type groups. Each soil type then will have potentially several depth discrete samples are to be analyzed. Plant rooted depth and the anticipated hardpan layer may limit the soil depth.
4. Number of Soil Samples - Three composite samples per field (one pound of soil per sample) of soil samples to be analyzed at the end of the growing season; depth discrete composite samples. Individual samples (number to be determined) may be collected below the root zone depth and two other samples to be analyzed pending field observations per field. A depiction of the soil types and field locations are provided on the Figures and Table 5. The sample locations will be explored to maximum depth of two feet depending on the location of hard pan soils or refusal conditions. Soils will be investigated using hand auger tools. The list of analytical parameters for testing are shown on Table 8.
5. Plant Tissue Samples - Ten to Twenty plant tissue samples will be collected from each field making one composite for laboratory analysis.

Plant tissue composites will be analyzed for moisture, TKN, total nitrogen, sodium, chloride, potassium, calcium, magnesium and phosphorus.

The soil type, color and physical character of the soil will be logged by a geologist or soil scientist under the direction of a California registered geologist or engineer. Soil staining will be closely observed. Soil samples will be collected for individual archive samples and depth discrete composite samples. As referenced, the sample depth will extend to the plant rooting depth as necessary. Hard pan conditions can be found from two to five feet. The soil composite methodology and analytical procedures will follow the required MRP monitoring program for soils. Details are provided throughout this plan and on Table 7; however, if soil sampling requires a change, the number of samples shown as clay or clay loam or sandy loam may change.

### **Equipment Decontamination Procedures**

The hand auger and stainless-steel sampling equipment will be cleaned using a three step process including a prewash tap water rinse, an Alconox (non-phosphate soap) and distilled water rinse. Cleaning will take place between each selected sampling locations.

#### *Soil Sampling and Composite Protocol*

During excavation, a geologist or engineer will portion the sample for logging and chemical tests. Soil samples for logging will be separated for visual observation and geologic logging. The unified soil classification system (USCS) will be used to describe soils. Color charts will be used to identify color changes in respective soil type. Soil staining will be described thoroughly.

As referenced, soil samples for chemical analysis will be typically collected for depth discrete composite samples from the upper several feet related to application rate, soil type and plant rooted depth. A cleaned stainless-steel sampling device will be used to collect and place soil samples in a stainless-steel sampling bowl for mixing of the soil type. At each sample location and per depth, 2 ounces (oz.) of soil volume will be placed in depth discrete stainless-steel bowls for mixing of each composite sample for each soil type.

A thoroughly mixed soil sample from the depth composite will be placed in the referenced sample bottles as indicated by the laboratory. The proposed analytical parameters soil types and depth discrete samples to be analyzed in the lab are depicted on Table 8. The required sample size for analytical laboratory analysis of the analytes listed is approximately 32 oz of soil. If obvious signs of

high nutrient discoloration are observed soil samples will be selected for laboratory analysis. Samples selected for laboratory analysis will be placed into sample containers in the field.

Laboratory Analysis - It is anticipated that the following parameters will be analyzed, refer to Table 8: Cation Exchange Capacity, Moisture Content, Total Organic Carbon, Carbonate, pH, Soluble Salts-EC, TDS, Chloride, Calcium, Magnesium, Sodium, Sodium Adsorption Ratio (SAR) Kjeldahl Nitrogen, Nitrate, Total Nitrogen, Ammonium Nitrogen Available Phosphorus, Extractable Potassium and DTPA Zinc, Manganese, Iron; and additional CAM metals for Aerated Pond Muds only. Holding times will be observed closely for these analyses.

**Table 8**  
**By-Product and Soil Analytical Parameters**  
**ConAgra, Oakdale**

Sample Number	
Soil Classification	
Soil Texture	
Soil Color	
Cation Exchange Capacity	
Exchange Sodium Percent	
Moisture Content	
Total Organic Carbon	
Total Nitrogen and Nitrate	
Carbonate	
Saturation Paste Extract	pH and Buffer pH
	Soluble Salts – EC
	TDS and FDS
	Chloride
	Calcium
	Magnesium
	Sodium
	Sodium Absorption Ratio (SAR)
Sediment Nutrients	Kjeldahl Nitrogen
	Ammonium Nitrogen
	Available Phosphorus
	Extractable Potassium
Sediment MicroNutrients – Totals and DTPA Extractable Method. The Additional CAM 17 Metals for Aerated Muds Only	Boron, Zinc
	Manganese
	Iron, Chromium, Copper, Arsenic, etc.

## 6. REPORTING

---

As referenced in Section 4, the outline of this work plan document will be used to report completed elements of this rinse mud application and sampling effort. The findings will be included in a separate monitoring report submitted monthly, as necessary, the first year of operation and annually thereafter. The field form in Appendix C and others forms deemed necessary will be used to assist in tracking the field and reporting elements. Annual reports will be submitted to the County. Each annual report will summarize the application for the previous year and provide updates for the rates of application and sampling protocol established herein.

As referenced, this document will also be used to identify application areas to be utilized for each of the annual growing seasons. Table 5 provides an outline of the proposed scheduled use of the proposed land application sites. Table 7 provides the application rates.



## 7. PROPOSED TIME SCHEDULE FOR WORK

---

SCHEDULE ITEM	TARGET COMPLETION DATE
Management and Sampling Plan Submitted	4/3/09
Stanislaus County Concurrence	6/30/09
Waste Excavation and Soil Sampling	August, September, and October
First Monthly Report of Findings	7/30/10
First Annual Report	4/30/10

This schedule depends on approval process and CEQA determination.

**APPENDIX A**

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**LABORATORY ANALYTICAL RESULTS OF 2007 AERATED MUD  
SAMPLING AND RINSE MUD SAMPLING EFFORTS**

# argon laboratories

10 October 2007

ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

RE: ConAgra Aerated Pond Project Data

Enclosed are the results for sample(s) received on 09/28/07 16:00 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

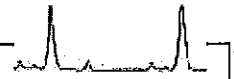
Thank you for the opportunity to service the needs of your company.

Sincerely,



Hiram Ceto  
Lab Manager





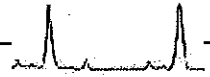
ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Way 012	H709095-01	Soil	09/27/07 08:00	09/28/07 16:00
Way 011	H709095-02	Soil	09/27/07 08:00	09/28/07 16:00
Way 009	H709095-03	Soil	09/27/07 08:00	09/28/07 16:00
Way 005	H709095-04	Soil	09/27/07 08:00	09/28/07 16:00

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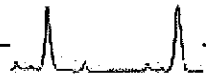


ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Alkalinity**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Way 012 (H709095-01) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
Total Alkalinity	320	10	mg/kg	1	06-Oct-07	SM2320	
<b>Way 011 (H709095-02) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
Total Alkalinity	360	10	mg/kg	1	06-Oct-07	SM2320	
<b>Way 009 (H709095-03) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
Total Alkalinity	200	10	mg/kg	1	06-Oct-07	SM2320	
<b>Way 005 (H709095-04) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
Total Alkalinity	500	10	mg/kg	1	06-Oct-07	SM2320	

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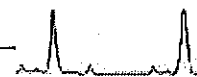


ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Ammonia as N**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Way 012 (H709095-01) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Ammonia as N	ND	1.0	mg/kg	1	10-Oct-07	EPA 350.1	
<b>Way 011 (H709095-02) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Ammonia as N	ND	1.0	mg/kg	1	10-Oct-07	EPA 350.1	
<b>Way 009 (H709095-03) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Ammonia as N	ND	1.0	mg/kg	1	10-Oct-07	EPA 350.1	
<b>Way 005 (H709095-04) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Ammonia as N	ND	1.0	mg/kg	1	10-Oct-07	EPA 350.1	

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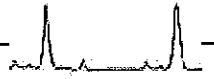
ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Anions by Ion Chromatography - EPA Method 300.0**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Way 012 (H709095-01) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
Nitrate as N	ND	2.0	mg/kg	1	04-Oct-07	EPA 300.0	
<b>Way 011 (H709095-02) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
Nitrate as N	ND	2.0	mg/kg	1	04-Oct-07	EPA 300.0	
<b>Way 009 (H709095-03) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
Nitrate as N	ND	2.0	mg/kg	1	04-Oct-07	EPA 300.0	
<b>Way 005 (H709095-04) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
Nitrate as N	ND	2.0	mg/kg	1	04-Oct-07	EPA 300.0	

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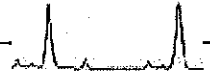


ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Arsenic, HCO3 Extractable**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Way 012 (H709095-01) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Arsenic	ND	1.0	mg/kg	1	07-Oct-07	EPA 6020	
<b>Way 011 (H709095-02) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Arsenic	ND	1.0	mg/kg	1	07-Oct-07	EPA 6020	
<b>Way 009 (H709095-03) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Arsenic	ND	1.0	mg/kg	1	07-Oct-07	EPA 6020	
<b>Way 005 (H709095-04) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Arsenic	ND	1.0	mg/kg	1	07-Oct-07	EPA 6020	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: [none]  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

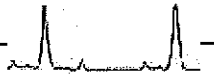
Work Order No.:  
H709095

**Cation Exchange Capacity**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Way 012 (H709095-01) Soil</b>	Sampled: 27-Sep-07 08:00		Received: 28-Sep-07 16:00				
Cation Exchange Capacity	2.4	2.0	meq/100 g	1	09-Oct-07	-----	
<b>Way 011 (H709095-02) Soil</b>	Sampled: 27-Sep-07 08:00		Received: 28-Sep-07 16:00				
Cation Exchange Capacity	3.3	2.0	meq/100 g	1	09-Oct-07	-----	
<b>Way 009 (H709095-03) Soil</b>	Sampled: 27-Sep-07 08:00		Received: 28-Sep-07 16:00				
Cation Exchange Capacity	4.2	2.0	meq/100 g	1	09-Oct-07	-----	
<b>Way 005 (H709095-04) Soil</b>	Sampled: 27-Sep-07 08:00		Received: 28-Sep-07 16:00				
Cation Exchange Capacity	4.3	2.0	meq/100 g	1	09-Oct-07	-----	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: [none]  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H709095

**DTPA Extractable Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Way 012 (H709095-01) Soil Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00</b>							
Antimony	ND	2.0	mg/kg	1	07-Oct-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Iron	48	20	"	"	"	"	
Lead	ND	1.0	"	"	"	"	
Manganese	22	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	ND	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	ND	1.0	"	"	"	"	
Zinc	ND	5.0	"	"	"	"	

<b>Way 011 (H709095-02) Soil Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00</b>							
Antimony	ND	2.0	mg/kg	1	07-Oct-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Iron	220	20	"	"	"	"	
Lead	3.2	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	ND	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.2	1.0	"	"	"	"	
Zinc	ND	5.0	"	"	"	"	

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**DTPA Extractable Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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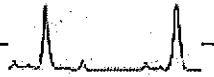
Way 009 (H709095-03) Soil    Sampled: 27-Sep-07 08:00    Received: 28-Sep-07 16:00

Antimony	ND	2.0	mg/kg	1	07-Oct-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Iron	330	20	"	"	"	"	
Lead	3.1	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	1.6	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.3	1.0	"	"	"	"	
Zinc	5.6	5.0	"	"	"	"	

Way 005 (H709095-04) Soil    Sampled: 27-Sep-07 08:00    Received: 28-Sep-07 16:00

Antimony	ND	2.0	mg/kg	1	07-Oct-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Iron	290	20	"	"	"	"	
Lead	2.3	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	ND	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.0	1.0	"	"	"	"	
Zinc	ND	5.0	"	"	"	"	

Approved By  
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Flashpoint**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Way 012 (H709095-01) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
% Moisture	38	0.10	°C	1	05-Oct-07	1010	
<b>Way 011 (H709095-02) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
% Moisture	33	0.10	°C	1	05-Oct-07	1010	
<b>Way 009 (H709095-03) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
% Moisture	41	0.10	°C	1	05-Oct-07	1010	
<b>Way 005 (H709095-04) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
% Moisture	43	0.10	°C	1	05-Oct-07	1010	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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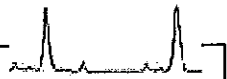
**Way 012 (H709095-01) Soil**    **Sampled: 27-Sep-07 08:00**    **Received: 28-Sep-07 16:00**

Antimony	ND	2.0	mg/kg	1	06-Oct-07	EPA 6020A	
Arsenic	1.2	1.0	"	"	"	"	
Barium	88	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	3.2	1.0	"	"	"	"	
Cobalt	4.8	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Lead	3.2	1.0	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	5.6	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	7.0	1.0	"	"	"	"	
Zinc	17	5.0	"	"	"	"	

**Way 011 (H709095-02) Soil**    **Sampled: 27-Sep-07 08:00**    **Received: 28-Sep-07 16:00**

Antimony	ND	2.0	mg/kg	1	06-Oct-07	EPA 6020A	
Arsenic	1.3	1.0	"	"	"	"	
Barium	87	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	5.9	1.0	"	"	"	"	
Cobalt	3.7	1.0	"	"	"	"	
Copper	6.1	2.0	"	"	"	"	
Lead	12	1.0	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	1.2	1.0	"	"	"	"	
Nickel	18	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	6.4	1.0	"	"	"	"	
Zinc	45	5.0	"	"	"	"	

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 Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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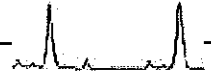
**Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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Way 009 (H709095-03) Soil Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Antimony	ND	2.0	mg/kg	1	06-Oct-07	EPA 6020A	
Arsenic	1.9	1.0	"	"	"	"	
Barium	92	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	6.8	1.0	"	"	"	"	
Cobalt	3.4	1.0	"	"	"	"	
Copper	9.5	2.0	"	"	"	"	
Lead	12	1.0	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	1.0	1.0	"	"	"	"	
Nickel	20	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	6.4	1.0	"	"	"	"	
Zinc	56	5.0	"	"	"	"	

Way 005 (H709095-04) Soil Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Antimony	ND	2.0	mg/kg	1	06-Oct-07	EPA 6020A	
Arsenic	1.5	1.0	"	"	"	"	
Barium	90	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	7.8	1.0	"	"	"	"	
Cobalt	3.6	1.0	"	"	"	"	
Copper	8.6	2.0	"	"	"	"	
Lead	10	1.0	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	1.0	1.0	"	"	"	"	
Nickel	19	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	6.2	1.0	"	"	"	"	
Zinc	58	5.0	"	"	"	"	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: [none]  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H709095

**Phosphorous**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Way 012 (H709095-01) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Phosphorous as P - Olsen Method	0.2	0.2	mg/kg	.1	05-Oct-07	-----	
Phosphorous as P - Bray Method	ND	0.2	"	"	"		
<b>Way 011 (H709095-02) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Phosphorous as P - Olsen Method	0.4	0.2	mg/kg	1	05-Oct-07	-----	
Phosphorous as P - Bray Method	0.2	0.2	"	"	"		
<b>Way 009 (H709095-03) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Phosphorous as P - Olsen Method	ND	0.2	mg/kg	1	05-Oct-07	-----	
Phosphorous as P - Bray Method	0.8	0.2	"	"	"		
<b>Way 005 (H709095-04) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Phosphorous as P - Olsen Method	ND	0.2	mg/kg	1	05-Oct-07	-----	
Phosphorous as P - Bray Method	1.0	0.2	"	"	"		

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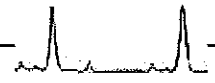
ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**SMP Buffer pH**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Way 012 (H709095-01) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
pH	7.4		pH Units	1	10-Oct-07	-----	
<b>Way 011 (H709095-02) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
pH	7.6		pH Units	1	10-Oct-07	-----	
<b>Way 009 (H709095-03) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
pH	7.6		pH Units	1	10-Oct-07	-----	
<b>Way 005 (H709095-04) Soil</b> <b>Sampled: 27-Sep-07 08:00</b> <b>Received: 28-Sep-07 16:00</b>							
pH	7.7		pH Units	1	10-Oct-07	-----	

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**Soil Salinity**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Way 012 (H709095-01) Soil</b>	<b>Sampled: 27-Sep-07 08:00</b>	<b>Received: 28-Sep-07 16:00</b>					<b>P-01</b>
Specific conductance	320	5.0	uS/cm	1	10-Oct-07	EPA 120.1	
<b>Way 011 (H709095-02) Soil</b>	<b>Sampled: 27-Sep-07 08:00</b>	<b>Received: 28-Sep-07 16:00</b>					<b>P-01</b>
Specific conductance	530	5.0	uS/cm	1	10-Oct-07	EPA 120.1	
<b>Way 009 (H709095-03) Soil</b>	<b>Sampled: 27-Sep-07 08:00</b>	<b>Received: 28-Sep-07 16:00</b>					<b>P-01</b>
Specific conductance	1200	5.0	uS/cm	1	10-Oct-07	EPA 120.1	
<b>Way 005 (H709095-04) Soil</b>	<b>Sampled: 27-Sep-07 08:00</b>	<b>Received: 28-Sep-07 16:00</b>					<b>P-01</b>
Specific conductance	2500	5.0	uS/cm	1	10-Oct-07	EPA 120.1	

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554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: [none]  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

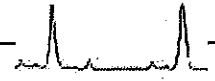
Work Order No.:  
H709095

**Total Kjeldahl Nitrogen by EPA 351.2**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Way 012 (H709095-01) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Total Kjeldahl Nitrogen	60	5.0	mg/kg	1	05-Oct-07	351.2	
<b>Way 011 (H709095-02) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Total Kjeldahl Nitrogen	180	5.0	mg/kg	1	05-Oct-07	351.2	
<b>Way 009 (H709095-03) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Total Kjeldahl Nitrogen	390	5.0	mg/kg	1	05-Oct-07	351.2	
<b>Way 005 (H709095-04) Soil</b> Sampled: 27-Sep-07 08:00 Received: 28-Sep-07 16:00							
Total Kjeldahl Nitrogen	460	5.0	mg/kg	1	05-Oct-07	351.2	

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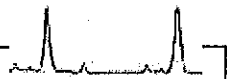


ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Total Organic Carbon**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Way 012 (H709095-01) Soil	Sampled: 27-Sep-07 08:00	Received: 28-Sep-07 16:00					
Total Organic Carbon	1000	200	mg/kg	1	05-Oct-07	SM5310B	
Way 011 (H709095-02) Soil	Sampled: 27-Sep-07 08:00	Received: 28-Sep-07 16:00					
Total Organic Carbon	17000	200	mg/kg	1	05-Oct-07	SM5310B	
Way 009 (H709095-03) Soil	Sampled: 27-Sep-07 08:00	Received: 28-Sep-07 16:00					
Total Organic Carbon	16000	200	mg/kg	1	05-Oct-07	SM5310B	
Way 005 (H709095-04) Soil	Sampled: 27-Sep-07 08:00	Received: 28-Sep-07 16:00					
Total Organic Carbon	18000	200	mg/kg	1	05-Oct-07	SM5310B	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Alkalinity - Quality Control**

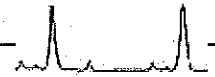
**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0087 - General Prep**

<b>Blank (HQJ0087-BLK1)</b>				Prepared & Analyzed: 10/06/07						
Total Alkalinity	ND	10	mg/kg							
<b>LCS (HQJ0087-BS1)</b>				Prepared & Analyzed: 10/06/07						
Total Alkalinity	100		mg/kg	100		100	80-120			
<b>LCS Dup (HQJ0087-BSD1)</b>				Prepared & Analyzed: 10/06/07						
Total Alkalinity	100		mg/kg	100		100	80-120	0	20	
<b>Matrix Spike (HQJ0087-MS1)</b>				Source: H709095-01		Prepared & Analyzed: 10/06/07				
Total Alkalinity	420		mg/kg	100	320	100	70-130			
<b>Matrix Spike Dup (HQJ0087-MSD1)</b>				Source: H709095-01		Prepared & Analyzed: 10/06/07				
Total Alkalinity	420		mg/kg	100	320	100	70-130	0	20	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Ammonia as N - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0086 - General Prep**

<b>Blank (HQJ0086-BLK1)</b>				Prepared: 10/04/07 Analyzed: 10/10/07						
Ammonia as N	ND	1.0	mg/kg							
<b>LCS (HQJ0086-BS1)</b>				Prepared: 10/04/07 Analyzed: 10/10/07						
Ammonia as N	3.60		mg/kg	4.00		90	80-120			
<b>LCS Dup (HQJ0086-BSD1)</b>				Prepared: 10/04/07 Analyzed: 10/10/07						
Ammonia as N	4.20		mg/kg	4.00		105	80-120	15	20	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: [none]  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H709095

**Anions by Ion Chromatography - EPA Method 300.0 - Quality Control**

**Argon Laboratories**

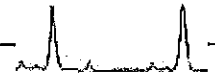
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0084 - General Prep**

<b>Blank (HQJ0084-BLK1)</b>				Prepared & Analyzed: 10/04/07						
Nitrate as N	ND	2.0	mg/kg							
<b>LCS (HQJ0084-BS1)</b>				Prepared & Analyzed: 10/04/07						
Nitrate	8.8		mg/kg	10.0		88	80-120			
<b>LCS Dup (HQJ0084-BSD1)</b>				Prepared & Analyzed: 10/04/07						
Nitrate	8.5		mg/kg	10.0		85	80-120	3	20	
<b>Matrix Spike (HQJ0084-MS1)</b>				Source: H710006-08		Prepared & Analyzed: 10/04/07				
Nitrate	8.6		mg/kg	10.0	ND	86	80-120			
<b>Matrix Spike Dup (HQJ0084-MSD1)</b>				Source: H710006-08		Prepared & Analyzed: 10/04/07				
Nitrate	8.7		mg/kg	10.0	ND	87	80-120	1	20	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: [none]  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H709095

**Arsenic, HCO3 Extractable - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0094 - EPA 3050B**

**Blank (HQJ0094-BLK1)**

Prepared & Analyzed: 10/07/07

Arsenic ND 1.0 mg/kg

**LCS (HQJ0094-BS1)**

Prepared & Analyzed: 10/07/07

Arsenic 10 mg/kg 10.0 100 80-120

**LCS Dup (HQJ0094-BSD1)**

Prepared & Analyzed: 10/07/07

Arsenic 9.6 mg/kg 10.0 96 80-120 4 20

**Matrix Spike (HQJ0094-MS1)**

Source: H709095-01

Prepared & Analyzed: 10/07/07

Arsenic 12 mg/kg 10.0 ND 120 70-130

**Matrix Spike Dup (HQJ0094-MSD1)**

Source: H709095-01

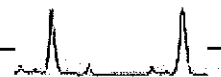
Prepared & Analyzed: 10/07/07

Arsenic 12 mg/kg 10.0 ND 120 70-130 0 20

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Cation Exchange Capacity - Quality Control**

**Argon Laboratories**

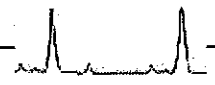
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0092 - General Prep**

Blank (HQJ0092-BLK1) Prepared & Analyzed: 10/09/07

Cation Exchange Capacity	ND	2.0	meq/100 g							
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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**DTPA Extractable Metals - Quality Control**

**Argon Laboratories**

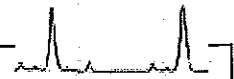
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0093 - DTPA Extractable**

<b>Blank (HQJ0093-BLK1)</b>				Prepared & Analyzed: 10/07/07						
Antimony	ND	2.0	mg/kg							
Arsenic	ND	1.0	"							
Barium	ND	5.0	"							
Beryllium	ND	1.0	"							
Cadmium	ND	1.0	"							
Chromium	ND	1.0	"							
Cobalt	ND	1.0	"							
Copper	ND	2.0	"							
Iron	ND	20	"							
Lead	ND	1.0	"							
Manganese	ND	20	"							
Mercury	ND	0.10	"							
Molybdenum	ND	1.0	"							
Nickel	ND	1.0	"							
Selenium	ND	1.0	"							
Silver	ND	1.0	"							
Thallium	ND	1.0	"							
Vanadium	ND	1.0	"							
Zinc	ND	5.0	"							

<b>LCS (HQJ0093-BS1)</b>				Prepared & Analyzed: 10/07/07						
Antimony	8.50		mg/kg	10.0		85	80-120			
Arsenic	8.60		"	10.0		86	80-120			
Barium	111		"	100		111	80-120			
Beryllium	10.2		"	10.0		102	80-120			
Cadmium	10.4		"	10.0		104	80-120			
Chromium	9.00		"	10.0		90	80-120			
Cobalt	8.20		"	10.0		82	80-120			
Copper	8.80		"	10.0		88	80-120			
Iron	100		"	100		100	80-120			
Lead	9.10		"	10.0		91	80-120			
Manganese	101		"	100		101	80-120			
Mercury	0.48		"	0.500		96	80-120			
Molybdenum	10.5		"	10.0		105	80-120			
Nickel	8.70		"	10.0		87	80-120			
Selenium	11.8		"	10.0		118	80-120			
Silver	9.70		"	10.0		97	80-120			

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**DTPA Extractable Metals - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0093 - DTPA Extractable**

LCS (HQJ0093-BS1)		Prepared & Analyzed: 10/07/07								
Thallium	10.8	mg/kg	10.0	108	80-120					
Vanadium	8.60	"	10.0	86	80-120					
Zinc	93.0	"	100	93	80-120					

LCS Dup (HQJ0093-BSD1)		Prepared & Analyzed: 10/07/07								
Antimony	8.30	mg/kg	10.0	83	80-120	2	20			
Arsenic	8.30	"	10.0	83	80-120	4	20			
Barium	115	"	100	115	80-120	4	20			
Beryllium	11.3	"	10.0	113	80-120	10	20			
Cadmium	10.6	"	10.0	106	80-120	2	20			
Chromium	10.0	"	10.0	100	80-120	11	20			
Cobalt	8.80	"	10.0	88	80-120	7	20			
Copper	8.50	"	10.0	85	80-120	3	20			
Iron	100	"	100	100	80-120	0	20			
Lead	9.00	"	10.0	90	80-120	1	20			
Manganese	100	"	100	100	80-120	1	20			
Mercury	0.60	"	0.500	120	80-120	22	20			
Molybdenum	10.3	"	10.0	103	80-120	2	20			
Nickel	8.20	"	10.0	82	80-120	6	20			
Selenium	10.4	"	10.0	104	80-120	13	20			
Silver	9.40	"	10.0	94	80-120	3	20			
Thallium	10.8	"	10.0	108	80-120	0	20			
Vanadium	9.70	"	10.0	97	80-120	12	20			
Zinc	106	"	100	106	80-120	13	20			

Matrix Spike (HQJ0093-MS1)		Source: H709095-01		Prepared & Analyzed: 10/07/07						
Antimony	8.00	mg/kg	10.0	ND	80	70-130				
Arsenic	8.50	"	10.0	ND	85	70-130				
Barium	87.6	"	100	2.6	85	70-130				
Beryllium	10.8	"	10.0	ND	108	70-130				
Cadmium	9.80	"	10.0	ND	98	70-130				
Chromium	8.80	"	10.0	0.20	86	70-130				
Cobalt	9.10	"	10.0	ND	91	70-130				
Copper	10.1	"	10.0	0.40	97	70-130				
Iron	138	"	100	48	90	70-130				
Lead	9.30	"	10.0	0.30	90	70-130				
Manganese	113	"	100	22	91	70-130				

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ConAgra Foods Inc.	Project Number: [none]	
554 S. Yosemite Ave.	Project Name: ConAgra Aerated Pond	Work Order No.:
Oakdale, CA 95361	Project Manager: -----	H709095

**DTPA Extractable Metals - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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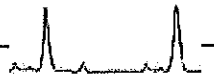
**Batch HQJ0093 - DTPA Extractable**

Matrix Spike (HQJ0093-MS1)	Source: H709095-01			Prepared & Analyzed: 10/07/07						
Mercury	0.48		mg/kg	0.500	ND	96	70-130			
Molybdenum	8.00		"	10.0	ND	80	70-130			
Nickel	8.40		"	10.0	0.30	81	70-130			
Selenium	10.1		"	10.0	ND	101	70-130			
Silver	8.20		"	10.0	ND	82	70-130			
Thallium	10.3		"	10.0	ND	103	70-130			
Vanadium	9.10		"	10.0	0.30	88	70-130			
Zinc	93.0		"	100	ND	93	70-130			

Matrix Spike Dup (HQJ0093-MSD1)	Source: H709095-01			Prepared & Analyzed: 10/07/07						
Antimony	8.90		mg/kg	10.0	ND	89	70-130	11	20	
Arsenic	8.40		"	10.0	ND	84	70-130	1	20	
Barium	113		"	100	2.6	110	70-130	25	20	
Beryllium	10.8		"	10.0	ND	108	70-130	0	20	
Cadmium	10.7		"	10.0	ND	107	70-130	9	20	
Chromium	8.90		"	10.0	0.20	87	70-130	1	20	
Cobalt	8.90		"	10.0	ND	89	70-130	2	20	
Copper	10.8		"	10.0	0.40	104	70-130	7	20	
Iron	140		"	100	48	92	70-130	1	20	
Lead	10.3		"	10.0	0.30	100	70-130	10	20	
Manganese	113		"	100	22	91	70-130	0	20	
Mercury	0.52		"	0.500	ND	104	70-130	8	20	
Molybdenum	8.20		"	10.0	ND	82	70-130	2	20	
Nickel	8.50		"	10.0	0.30	82	70-130	1	20	
Selenium	9.90		"	10.0	ND	99	70-130	2	20	
Silver	8.10		"	10.0	ND	81	70-130	1	20	
Thallium	11.3		"	10.0	ND	113	70-130	9	20	
Vanadium	9.30		"	10.0	0.30	90	70-130	2	20	
Zinc	112		"	100	ND	112	70-130	19	20	

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: [none]  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H709095

**Metals - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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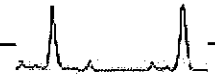
**Batch HQJ0080 - 3050B**

<b>Blank (HQJ0080-BLK1)</b>				Prepared: 10/05/07 Analyzed: 10/06/07						
Antimony	ND	2.0	mg/kg							
Arsenic	ND	1.0	"							
Barium	ND	5.0	"							
Beryllium	ND	1.0	"							
Cadmium	ND	1.0	"							
Chromium	ND	1.0	"							
Cobalt	ND	1.0	"							
Copper	ND	2.0	"							
Lead	ND	1.0	"							
Mercury	ND	0.1	"							
Molybdenum	ND	1.0	"							
Nickel	ND	1.0	"							
Selenium	ND	1.0	"							
Silver	ND	1.0	"							
Thallium	ND	1.0	"							
Vanadium	ND	1.0	"							
Zinc	ND	5.0	"							

<b>LCS (HQJ0080-BS1)</b>				Prepared: 10/05/07 Analyzed: 10/06/07						
Antimony	8.50		mg/kg	10.0	85	80-120				
Arsenic	8.60		"	10.0	86	80-120				
Barium	111		"	100	111	80-120				
Beryllium	10.2		"	10.0	102	80-120				
Cadmium	10.4		"	10.0	104	80-120				
Chromium	9.00		"	10.0	90	80-120				
Cobalt	8.20		"	10.0	82	80-120				
Copper	8.80		"	10.0	88	80-120				
Lead	9.10		"	10.0	91	80-120				
Mercury	0.48		"	0.500	96	80-120				
Molybdenum	10.5		"	10.0	105	80-120				
Nickel	8.70		"	10.0	87	80-120				
Selenium	11.8		"	10.0	118	80-120				
Silver	9.70		"	10.0	97	80-120				
Thallium	10.9		"	10.0	109	80-120				
Vanadium	8.60		"	10.0	86	80-120				
Zinc	93.0		"	100	93	80-120				

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Metals - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0080 - 3050B**

**LCS Dup (HQJ0080-BSD1)**

Prepared: 10/05/07 Analyzed: 10/06/07

Antimony	8.30		mg/kg	10.0		83	80-120	2	20	
Arsenic	8.30		"	10.0		83	80-120	4	20	
Barium	115		"	100		115	80-120	4	20	
Beryllium	11.3		"	10.0		113	80-120	10	20	
Cadmium	10.6		"	10.0		106	80-120	2	20	
Chromium	10.0		"	10.0		100	80-120	11	20	
Cobalt	8.80		"	10.0		88	80-120	7	20	
Copper	8.50		"	10.0		85	80-120	3	20	
Lead	9.00		"	10.0		90	80-120	1	20	
Mercury	0.60		"	0.500		120	80-120	22	20	
Molybdenum	10.3		"	10.0		103	80-120	2	20	
Nickel	8.20		"	10.0		82	80-120	6	20	
Selenium	10.4		"	10.0		104	80-120	13	20	
Silver	9.40		"	10.0		94	80-120	3	20	
Thallium	10.8		"	10.0		108	80-120	0.9	20	
Vanadium	9.70		"	10.0		97	80-120	12	20	
Zinc	106		"	100		106	80-120	13	20	

**Matrix Spike (HQJ0080-MS1)**

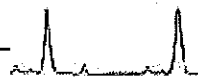
Source: H710003-35

Prepared: 10/05/07 Analyzed: 10/06/07

Antimony	8.00		mg/kg	10.0	ND	80	70-130			
Arsenic	11.6		"	10.0	3.1	85	70-130			
Barium	131		"	100	46	85	70-130			
Beryllium	10.8		"	10.0	ND	108	70-130			
Cadmium	9.80		"	10.0	ND	98	70-130			
Chromium	13.4		"	10.0	4.8	86	70-130			
Cobalt	15.9		"	10.0	6.8	91	70-130			
Copper	12.1		"	10.0	2.4	97	70-130			
Lead	14.0		"	10.0	5.6	84	70-130			
Mercury	0.48		"	0.500	ND	96	70-130			
Molybdenum	8.90		"	10.0	0.90	80	70-130			
Nickel	27.3		"	10.0	19	83	70-130			
Selenium	10.1		"	10.0	ND	101	70-130			
Silver	8.20		"	10.0	ND	82	70-130			
Thallium	10.3		"	10.0	ND	103	70-130			
Vanadium	15.4		"	10.0	6.6	88	70-130			
Zinc	122		"	100	29	93	70-130			

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Metals - Quality Control**

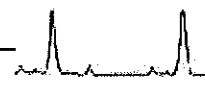
**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0080 - 3050B**

Matrix Spike Dup (HQJ0080-MSD1)	Source: H710003-35			Prepared: 10/05/07	Analized: 10/06/07					
Antimony	8.90		mg/kg	10.0	ND	89	70-130	11	20	
Arsenic	11.5		"	10.0	3.1	84	70-130	0.9	20	
Barium	153		"	100	46	107	70-130	15	20	
Beryllium	10.8		"	10.0	ND	108	70-130	0	20	
Cadmium	10.7		"	10.0	ND	107	70-130	9	20	
Chromium	13.5		"	10.0	4.8	87	70-130	0.7	20	
Cobalt	15.7		"	10.0	6.8	89	70-130	1	20	
Copper	12.8		"	10.0	2.4	104	70-130	6	20	
Lead	15.9		"	10.0	5.6	103	70-130	13	20	
Mercury	0.52		"	0.500	ND	104	70-130	8	20	
Molybdenum	9.10		"	10.0	0.90	82	70-130	2	20	
Nickel	27.4		"	10.0	19	84	70-130	0.4	20	
Selenium	9.90		"	10.0	ND	99	70-130	2	20	
Silver	8.10		"	10.0	ND	81	70-130	1	20	
Thallium	11.3		"	10.0	ND	113	70-130	9	20	
Vanadium	15.6		"	10.0	6.6	90	70-130	1	20	
Zinc	146		"	100	29	117	70-130	18	20	

Approved By  
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Phosphorous - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0085 - General Prep**

<b>Blank (HQJ0085-BLK1)</b>				Prepared & Analyzed: 10/05/07							
Phosphorous as P - Olsen Method	ND	0.2	mg/kg								
Phosphorous as P - Bray Method	ND	0.2	"								

<b>LCS (HQJ0085-BS1)</b>				Prepared & Analyzed: 10/05/07							
Total Phosphorous as P	10.0		mg/kg	10.0		100	80-120				

<b>LCS Dup (HQJ0085-BSD1)</b>				Prepared & Analyzed: 10/05/07							
Total Phosphorous as P	10.2		mg/kg	10.0		102	80-120	2	20		

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 Argon Laboratories, Inc. California D.O.H.S. Cert. #2359





ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**SMP Buffer pH - Quality Control**

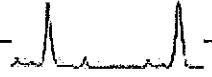
**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0098 - General Prep**

<b>LCS (HQJ0098-BS1)</b>	Prepared & Analyzed: 10/10/07									
pH	7.00		pH Units	7.00		100	95-105			

Approved By  
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Soil Salinity - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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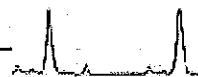
**Batch HQJ0088 - General Prep**

Blank (HQJ0088-BLK1)

Prepared & Analyzed: 10/10/07

Specific conductance	ND	5.0	uS/cm							
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Approved By  
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: [none]  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H709095

**Total Kjeldahl Nitrogen by EPA 351.2 - Quality Control**

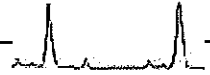
**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0083 - General Prep**

<b>Blank (HQJ0083-BLK1)</b>		Prepared & Analyzed: 10/05/07								
Total Kjeldahl Nitrogen	ND	5.0	mg/kg							
<b>LCS (HQJ0083-BS1)</b>		Prepared & Analyzed: 10/05/07								
Total Kjeldahl Nitrogen	10.4		mg/kg	10.0		104	80-120			
<b>LCS Dup (HQJ0083-BSD1)</b>		Prepared & Analyzed: 10/05/07								
Total Kjeldahl Nitrogen	10.4		mg/kg	10.0		104	80-120	0	20	

Approved By  
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: [none]  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H709095

**Total Organic Carbon - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQJ0089 - General Prep**

<b>Blank (HQJ0089-BLK1)</b>				Prepared & Analyzed: 10/05/07						
Total Organic Carbon	ND	200	mg/kg							
<b>LCS (HQJ0089-BS1)</b>				Prepared & Analyzed: 10/05/07						
Total Organic Carbon	8200		mg/kg	8200		100	70-130			
<b>LCS Dup (HQJ0089-BSD1)</b>				Prepared & Analyzed: 10/05/07						
Total Organic Carbon	8200		mg/kg	8200		100	70-130	0	20	
<b>Matrix Spike (HQJ0089-MS1)</b>				Source: H709095-01		Prepared & Analyzed: 10/05/07				
Total Organic Carbon	8600		mg/kg	8200	1000	93	70-130			
<b>Matrix Spike Dup (HQJ0089-MSD1)</b>				Source: H709095-01		Prepared & Analyzed: 10/05/07				
Total Organic Carbon	7910		mg/kg	8200	1000	84	70-130	8	20	

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: [none] Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H709095
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**Notes and Definitions**

- P-01 Conductivity result based on 1:10 dilution of soil/sludge sample matrix.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

---

Approved By  
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

# argon laboratories

08 November 2007

ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

RE: ConAgra Aerated Pond Project Data

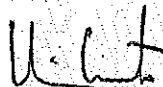
Enclosed are the results for sample(s) received on 10/26/07 12:00 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,



Hiram Cueto  
Lab Manager

Chain of Custody

Project No.	Project Name: CON AGR		No. of Containers		Parameters		Page 1 of 1	Report to
	Sampler (Signature)	Date	Time	Water	Soil	Other		
102-11	<i>[Signature]</i>	10/23/07	9:30			X	10-Ac Pond	ConAgra and Dunn Env.  Mr. Jeff Schultz ConAgra Foods, Inc 554 S. Yosemite Way Oakdale CA, 95361
WP-30	<i>[Signature]</i>	10/23/07	9:50			X	Sediment	
WP-31	<i>[Signature]</i>	10/23/07	10:20			X	Sediment	
WP-32	<i>[Signature]</i>	10/23/07	10:40			X	Sediment	
WP-43	<i>[Signature]</i>	"	11:10			X	"	
WP-47	<i>[Signature]</i>	"	11:30			X	"	
WP-48	<i>[Signature]</i>	"	11:50			X	"	
WP-53	<i>[Signature]</i>	"	12:20			X	"	
WP-59	<i>[Signature]</i>	"	12:40			X	"	
WP-61	<i>[Signature]</i>	"	13:00			X	"	
WP-64	<i>[Signature]</i>	"	13:15			X	"	
WP-65	<i>[Signature]</i>	"	13:30			X	"	
WP-66	<i>[Signature]</i>	"	14:44			X	"	
WP-67	<i>[Signature]</i>	"	15:16			X	"	
WP-72	<i>[Signature]</i>	"	15:20			X	"	
Requisitioned By:	<i>[Signature]</i>							Date/Time
Company:	Max	10/23/07	16:00					Received By:
Company:	Dunn Env.							Signature:
Company:								Date/Time
Company:								Received By:
Company:								Signature:
Company:								Date/Time
Company:								Received By:
Company:								Signature:
Company:								Date/Time
Company:								Received By:
Company:								Signature:
Company:								Date/Time



5060 Robert J. Matthews, # 2  
 El Dorado Hills, Ca 95762  
 916-941-3850 Phone  
 916-941-3860 Fax

Date/Time: 10/26/07 12:00  
 Company: [Signature]

Date/Time: [Signature]  
 Company: [Signature]

Date/Time: [Signature]  
 Company: [Signature]

# Argon Laboratories Sample Receipt Checklist

Client Name: ConAgra Date & Time Received: 10/26/07 12:00

Project Name: Aerated Pond Sediment Client Project Number: 102-11

Received By: AH Matrix: Water  Soil  Sludge

Sample Carrier: Client  Laboratory  Fed Ex  UPS  Other

Argon Labs Project Number: H710050

Shipper Container in good condition? N/A  Yes  No  Samples received in proper containers? Yes  No

Samples received intact? Yes  No  Sufficient sample volume for requested tests? Yes  No

Samples received under refrigeration? Yes  No  Samples received within holding time? Yes  No

Chain of custody present? Yes  No  Do samples contain proper preservative? Yes  No

Chain of Custody signed by all parties? Yes  No  Do samples contain proper preservative? N/A  Yes  No

Chain of Custody matches all sample labels? Yes  No  Do VOA vials contain zero headspace? (None submitted ) Yes  No

ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW

Date Client Contacted: \_\_\_\_\_ Person Contacted: \_\_\_\_\_

Contacted By: \_\_\_\_\_ Subject: \_\_\_\_\_

Comments:

Action Taken:

ADDITIONAL TEST(S) REQUEST / OTHER

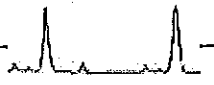
Contacted By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Call Received By: \_\_\_\_\_

Comments:





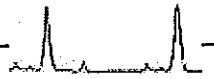


ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WP-28	H710050-01	Sludge	10/23/07 09:30	10/26/07 12:00
WP-30	H710050-02	Sludge	10/23/07 09:50	10/26/07 12:00
WP-31	H710050-03	Sludge	10/23/07 10:20	10/26/07 12:00
WP-32	H710050-04	Sludge	10/23/07 10:40	10/26/07 12:00
WP-43	H710050-05	Sludge	10/23/07 11:10	10/26/07 12:00
WP-47	H710050-06	Sludge	10/23/07 11:30	10/26/07 12:00
WP-48	H710050-07	Sludge	10/23/07 11:50	10/26/07 12:00
WP-53	H710050-08	Sludge	10/23/07 12:20	10/26/07 12:00
WP-59	H710050-09	Sludge	10/23/07 12:40	10/26/07 12:00
WP-61	H710050-10	Sludge	10/23/07 13:00	10/26/07 12:00
WP-64	H710050-11	Sludge	10/23/07 13:15	10/26/07 12:00
WP-65	H710050-12	Sludge	10/23/07 13:30	10/26/07 12:00
WP-66	H710050-13	Sludge	10/23/07 14:44	10/26/07 12:00
WP-67	H710050-14	Sludge	10/23/07 15:18	10/26/07 12:00
WP-72	H710050-15	Sludge	10/23/07 15:20	10/26/07 12:00

Approved By  
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

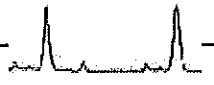


ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: .....	Work Order No.: H710050
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**Alkalinity**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-28 (H710050-01) Sludge</b> Sampled: 23-Oct-07 09:30    Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	120	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
<b>Total Alkalinity</b>	<b>120</b>	<b>10</b>	"	"	"	"	
<b>WP-30 (H710050-02) Sludge</b> Sampled: 23-Oct-07 09:50    Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	92	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
<b>Total Alkalinity</b>	<b>92</b>	<b>10</b>	"	"	"	"	
<b>WP-31 (H710050-03) Sludge</b> Sampled: 23-Oct-07 10:20    Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	140	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
<b>Total Alkalinity</b>	<b>140</b>	<b>10</b>	"	"	"	"	
<b>WP-32 (H710050-04) Sludge</b> Sampled: 23-Oct-07 10:40    Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	290	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
<b>Total Alkalinity</b>	<b>290</b>	<b>10</b>	"	"	"	"	
<b>WP-43 (H710050-05) Sludge</b> Sampled: 23-Oct-07 11:10    Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	290	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
<b>Total Alkalinity</b>	<b>290</b>	<b>10</b>	"	"	"	"	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Alkalinity**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-47 (H710050-06) Sludge</b> Sampled: 23-Oct-07 11:30    Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	210	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
<b>Total Alkalinity</b>	<b>210</b>	<b>10</b>	"	"	"	"	
<b>WP-48 (H710050-07) Sludge</b> Sampled: 23-Oct-07 11:50    Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	270	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
<b>Total Alkalinity</b>	<b>270</b>	<b>10</b>	"	"	"	"	
<b>WP-53 (H710050-08) Sludge</b> Sampled: 23-Oct-07 12:20    Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	230	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
<b>Total Alkalinity</b>	<b>230</b>	<b>10</b>	"	"	"	"	
<b>WP-59 (H710050-09) Sludge</b> Sampled: 23-Oct-07 12:40    Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	310	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
<b>Total Alkalinity</b>	<b>310</b>	<b>10</b>	"	"	"	"	
<b>WP-61 (H710050-10) Sludge</b> Sampled: 23-Oct-07 13:00    Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	160	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
<b>Total Alkalinity</b>	<b>160</b>	<b>10</b>	"	"	"	"	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**Alkalinity**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-64 (H710050-11) Sludge</b> Sampled: 23-Oct-07 13:15 Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	56	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
Total Alkalinity	56	10	"	"	"	"	
<b>WP-65 (H710050-12) Sludge</b> Sampled: 23-Oct-07 13:30 Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	170	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
Total Alkalinity	170	10	"	"	"	"	
<b>WP-66 (H710050-13) Sludge</b> Sampled: 23-Oct-07 14:44 Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	230	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
Total Alkalinity	230	10	"	"	"	"	
<b>WP-67 (H710050-14) Sludge</b> Sampled: 23-Oct-07 15:18 Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	160	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
Total Alkalinity	160	10	"	"	"	"	
<b>WP-72 (H710050-15) Sludge</b> Sampled: 23-Oct-07 15:20 Received: 26-Oct-07 12:00							
Carbonate Alkalinity	ND	5.0	mg/kg	1	30-Oct-07	SM2320	
Bicarbonate Alkalinity	98	5.0	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	
Total Alkalinity	98	10	"	"	"	"	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**Anions by Ion Chromatography - EPA Method 300.0**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-28 (H710050-01) Sludge</b> Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00							
Chloride	94	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	4.7	1.0	"	"	"	"	
<b>WP-30 (H710050-02) Sludge</b> Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00							
Chloride	86	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	2.8	1.0	"	"	"	"	
<b>WP-31 (H710050-03) Sludge</b> Sampled: 23-Oct-07 10:20 Received: 26-Oct-07 12:00							
Chloride	57	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	ND	1.0	"	"	"	"	
<b>WP-32 (H710050-04) Sludge</b> Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00							
Chloride	88	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	2.9	1.0	"	"	"	"	
<b>WP-43 (H710050-05) Sludge</b> Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00							
Chloride	88	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	1.9	1.0	"	"	"	"	
<b>WP-47 (H710050-06) Sludge</b> Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00							
Chloride	47	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	2.2	1.0	"	"	"	"	
<b>WP-48 (H710050-07) Sludge</b> Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00							
Chloride	63	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	1.6	1.0	"	"	"	"	

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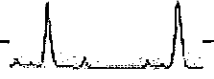
ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Anions by Ion Chromatography - EPA Method 300.0**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-53 (H710050-08) Sludge</b> Sampled: 23-Oct-07 12:20    Received: 26-Oct-07 12:00							
Chloride	95	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	1.9	1.0	"	"	"	"	
<b>WP-59 (H710050-09) Sludge</b> Sampled: 23-Oct-07 12:40    Received: 26-Oct-07 12:00							
Chloride	93	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	3.2	1.0	"	"	"	"	
<b>WP-61 (H710050-10) Sludge</b> Sampled: 23-Oct-07 13:00    Received: 26-Oct-07 12:00							
Chloride	55	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	2.2	1.0	"	"	"	"	
<b>WP-64 (H710050-11) Sludge</b> Sampled: 23-Oct-07 13:15    Received: 26-Oct-07 12:00							
Chloride	91	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	3.0	1.0	"	"	"	"	
<b>WP-65 (H710050-12) Sludge</b> Sampled: 23-Oct-07 13:30    Received: 26-Oct-07 12:00							
Chloride	75	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	2.0	1.0	"	"	"	"	
<b>WP-66 (H710050-13) Sludge</b> Sampled: 23-Oct-07 14:44    Received: 26-Oct-07 12:00							
Chloride	88	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	2.0	1.0	"	"	"	"	
<b>WP-67 (H710050-14) Sludge</b> Sampled: 23-Oct-07 15:18    Received: 26-Oct-07 12:00							
Chloride	110	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	1.5	1.0	"	"	"	"	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: .....	Work Order No.: H710050
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**Anions by Ion Chromatography - EPA Method 300.0**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
WP-72 (H710050-15) Sludge Sampled: 23-Oct-07 15:20 Received: 26-Oct-07 12:00							
Chloride	66	10	mg/kg	1	05-Nov-07	EPA 300.0	
Nitrate	7.1	1.0	"	"	"	"	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

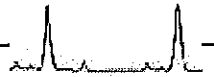
**Cation Exchange Capacity**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
WP-28 (H710050-01) Sludge	Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00						
Cation Exchange Capacity	90	2.0	meq/100 g	1	07-Nov-07	-----	
WP-30 (H710050-02) Sludge	Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00						
Cation Exchange Capacity	80	2.0	meq/100 g	1	07-Nov-07	-----	
WP-31 (H710050-03) Sludge	Sampled: 23-Oct-07 10:20 Received: 26-Oct-07 12:00						
Cation Exchange Capacity	80	2.0	meq/100 g	1	07-Nov-07	-----	
WP-32 (H710050-04) Sludge	Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00						
Cation Exchange Capacity	60	2.0	meq/100 g	1	07-Nov-07	-----	
WP-43 (H710050-05) Sludge	Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00						
Cation Exchange Capacity	60	2.0	meq/100 g	1	07-Nov-07	-----	
WP-47 (H710050-06) Sludge	Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00						
Cation Exchange Capacity	70	2.0	meq/100 g	1	07-Nov-07	-----	
WP-48 (H710050-07) Sludge	Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00						
Cation Exchange Capacity	60	2.0	meq/100 g	1	07-Nov-07	-----	
WP-53 (H710050-08) Sludge	Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00						
Cation Exchange Capacity	50	2.0	meq/100 g	1	07-Nov-07	-----	
WP-59 (H710050-09) Sludge	Sampled: 23-Oct-07 12:40 Received: 26-Oct-07 12:00						
Cation Exchange Capacity	70	2.0	meq/100 g	1	07-Nov-07	-----	

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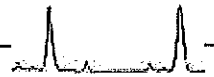


ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Cation Exchange Capacity**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-61 (H710050-10) Sludge</b> Sampled: 23-Oct-07 13:00    Received: 26-Oct-07 12:00							
Cation Exchange Capacity	50	2.0	meq/100 g	1	07-Nov-07	-----	
<b>WP-64 (H710050-11) Sludge</b> Sampled: 23-Oct-07 13:15    Received: 26-Oct-07 12:00							
Cation Exchange Capacity	60	2.0	meq/100 g	1	07-Nov-07	-----	
<b>WP-65 (H710050-12) Sludge</b> Sampled: 23-Oct-07 13:30    Received: 26-Oct-07 12:00							
Cation Exchange Capacity	60	2.0	meq/100 g	1	07-Nov-07	-----	
<b>WP-66 (H710050-13) Sludge</b> Sampled: 23-Oct-07 14:44    Received: 26-Oct-07 12:00							
Cation Exchange Capacity	50	2.0	meq/100 g	1	07-Nov-07	-----	
<b>WP-67 (H710050-14) Sludge</b> Sampled: 23-Oct-07 15:18    Received: 26-Oct-07 12:00							
Cation Exchange Capacity	70	2.0	meq/100 g	1	07-Nov-07	-----	
<b>WP-72 (H710050-15) Sludge</b> Sampled: 23-Oct-07 15:20    Received: 26-Oct-07 12:00							
Cation Exchange Capacity	80	2.0	meq/100 g	1	07-Nov-07	-----	

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 Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: <b>H710050</b>
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**DTPA Extractable Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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**WP-28 (H710050-01) Sludge** Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00

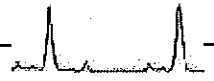
Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Iron	190	20	"	"	"	"	
Lead	3.9	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	1.9	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.3	1.0	"	"	"	"	
Zinc	13	5.0	"	"	"	"	

**WP-30 (H710050-02) Sludge** Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00

Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Iron	300	20	"	"	"	"	
Lead	1.5	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	1.4	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.4	1.0	"	"	"	"	
Zinc	5.2	5.0	"	"	"	"	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: <b>H710050</b>
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**DTPA Extractable Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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**WP-31 (H710050-03) Sludge**    Sampled: 23-Oct-07 10:20    Received: 26-Oct-07 12:00

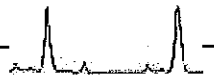
Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	8.4	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	6.4	2.0	"	"	"	"	
Iron	220	20	"	"	"	"	
Lead	1.5	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	1.4	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	18	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.5	1.0	"	"	"	"	
Zinc	22	5.0	"	"	"	"	

**WP-32 (H710050-04) Sludge**    Sampled: 23-Oct-07 10:40    Received: 26-Oct-07 12:00

Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	4.7	2.0	"	"	"	"	
Iron	180	20	"	"	"	"	
Lead	1.3	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	ND	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.7	1.0	"	"	"	"	
Zinc	18	5.0	"	"	"	"	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**DTPA Extractable Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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**WP-43 (H710050-05) Sludge** Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00

Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	6.8	2.0	"	"	"	"	
Iron	140	20	"	"	"	"	
Lead	ND	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	ND	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.2	1.0	"	"	"	"	
Zinc	18	5.0	"	"	"	"	

**WP-47 (H710050-06) Sludge** Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00

Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	5.2	2.0	"	"	"	"	
Iron	140	20	"	"	"	"	
Lead	1.1	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	1.5	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.3	1.0	"	"	"	"	
Zinc	22	5.0	"	"	"	"	

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**DTPA Extractable Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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**WP-48 (H710050-07) Sludge**    Sampled: 23-Oct-07 11:50    Received: 26-Oct-07 12:00

Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Iron	220	20	"	"	"	"	
Lead	1.1	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	1.0	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.2	1.0	"	"	"	"	
Zinc	5.5	5.0	"	"	"	"	

**WP-53 (H710050-08) Sludge**    Sampled: 23-Oct-07 12:20    Received: 26-Oct-07 12:00

Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Iron	260	20	"	"	"	"	
Lead	1.5	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	3.2	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.6	1.0	"	"	"	"	
Zinc	11	5.0	"	"	"	"	

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**DTPA Extractable Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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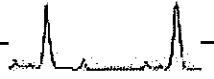
**WP-59 (H710050-09) Sludge**    Sampled: 23-Oct-07 12:40    Received: 26-Oct-07 12:00

Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	2.2	2.0	"	"	"	"	
Iron	140	20	"	"	"	"	
Lead	ND	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	ND	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	ND	1.0	"	"	"	"	
Zinc	9.5	5.0	"	"	"	"	

**WP-61 (H710050-10) Sludge**    Sampled: 23-Oct-07 13:00    Received: 26-Oct-07 12:00

Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Iron	120	20	"	"	"	"	
Lead	1.1	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	1.0	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.4	1.0	"	"	"	"	
Zinc	7.0	5.0	"	"	"	"	

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 Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**DTPA Extractable Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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WP-64 (H710050-11) Sludge Sampled: 23-Oct-07 13:15 Received: 26-Oct-07 12:00

Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	2.6	2.0	"	"	"	"	
Iron	250	20	"	"	"	"	
Lead	3.2	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	6.1	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.8	1.0	"	"	"	"	
Zinc	14	5.0	"	"	"	"	

WP-65 (H710050-12) Sludge Sampled: 23-Oct-07 13:30 Received: 26-Oct-07 12:00

Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	3.3	2.0	"	"	"	"	
Iron	240	20	"	"	"	"	
Lead	2.7	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	4.4	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	2.1	1.0	"	"	"	"	
Zinc	14	5.0	"	"	"	"	

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**DTPA Extractable Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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**WP-66 (H710050-13) Sludge** Sampled: 23-Oct-07 14:44 Received: 26-Oct-07 12:00

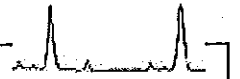
Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Iron	210	20	"	"	"	"	
Lead	1.4	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	2.0	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.4	1.0	"	"	"	"	
Zinc	9.9	5.0	"	"	"	"	

**WP-67 (H710050-14) Sludge** Sampled: 23-Oct-07 15:18 Received: 26-Oct-07 12:00

Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Iron	220	20	"	"	"	"	
Lead	1.6	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	1.7	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	1.5	1.0	"	"	"	"	
Zinc	5.6	5.0	"	"	"	"	

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 Argon Laboratories, Inc. California D.O.H.S. Cert. #2359





ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: .....

Work Order No.:  
H710050

**DTPA Extractable Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
WP-72 (H710050-15) Sludge Sampled: 23-Oct-07 15:20 Received: 26-Oct-07 12:00							
Antimony	ND	2.0	mg/kg	1	07-Nov-07	EPA 6020A	
Arsenic	ND	1.0	"	"	"	"	
Barium	ND	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	ND	1.0	"	"	"	"	
Cobalt	ND	1.0	"	"	"	"	
Copper	ND	2.0	"	"	"	"	
Iron	440	20	"	"	"	"	
Lead	3.6	1.0	"	"	"	"	
Manganese	ND	20	"	"	"	"	
Mercury	ND	0.10	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	7.2	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	2.4	1.0	"	"	"	"	
Zinc	7.8	5.0	"	"	"	"	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

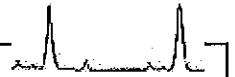
Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**Extractable Potassium (K)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-28 (H710050-01) Sludge</b>	Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00						
Potassium	440	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-30 (H710050-02) Sludge</b>	Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00						
Potassium	540	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-31 (H710050-03) Sludge</b>	Sampled: 23-Oct-07 10:20 Received: 26-Oct-07 12:00						
Potassium	430	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-32 (H710050-04) Sludge</b>	Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00						
Potassium	330	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-43 (H710050-05) Sludge</b>	Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00						
Potassium	330	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-47 (H710050-06) Sludge</b>	Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00						
Potassium	310	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-48 (H710050-07) Sludge</b>	Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00						
Potassium	300	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-53 (H710050-08) Sludge</b>	Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00						
Potassium	350	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-59 (H710050-09) Sludge</b>	Sampled: 23-Oct-07 12:40 Received: 26-Oct-07 12:00						
Potassium	330	20	mg/kg	1	07-Nov-07	EPA 7610	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Extractable Potassium (K)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-61 (H710050-10) Sludge</b> Sampled: 23-Oct-07 13:00    Received: 26-Oct-07 12:00							
Potassium	320	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-64 (H710050-11) Sludge</b> Sampled: 23-Oct-07 13:15    Received: 26-Oct-07 12:00							
Potassium	450	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-65 (H710050-12) Sludge</b> Sampled: 23-Oct-07 13:30    Received: 26-Oct-07 12:00							
Potassium	320	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-66 (H710050-13) Sludge</b> Sampled: 23-Oct-07 14:44    Received: 26-Oct-07 12:00							
Potassium	340	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-67 (H710050-14) Sludge</b> Sampled: 23-Oct-07 15:18    Received: 26-Oct-07 12:00							
Potassium	420	20	mg/kg	1	07-Nov-07	EPA 7610	
<b>WP-72 (H710050-15) Sludge</b> Sampled: 23-Oct-07 15:20    Received: 26-Oct-07 12:00							
Potassium	380	20	mg/kg	1	07-Nov-07	EPA 7610	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Acrated Pond Project Manager: -----	Work Order No.: H710050
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**Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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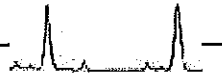
**WP-28 (H710050-01) Sludge** Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00

Calcium	660	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	2.1	1.0	"	"	"	"	
Barium	77	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	27	1.0	"	"	"	"	
Cobalt	4.1	1.0	"	"	"	"	
Copper	43	2.0	"	"	"	"	
Iron	12000	20	"	"	"	"	
Lead	5.5	1.0	"	"	"	"	
Manganese	230	20	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	1.2	1.0	"	"	"	"	
Nickel	25	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	24	1.0	"	"	"	"	
Zinc	83	5.0	"	"	"	"	
Magnesium	6500	20	"	"	07-Nov-07	EPA 7450	
Potassium	2200	20	"	"	"	EPA 7610	
Sodium	290	50	"	"	"	EPA 7770	

**WP-30 (H710050-02) Sludge** Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00

Calcium	620	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	2.0	1.0	"	"	"	"	
Barium	90	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	30	1.0	"	"	"	"	
Cobalt	4.2	1.0	"	"	"	"	
Copper	53	2.0	"	"	"	"	
Iron	13000	20	"	"	"	"	
Lead	5.6	1.0	"	"	"	"	
Manganese	180	20	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	1.0	1.0	"	"	"	"	
Nickel	25	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	

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 Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



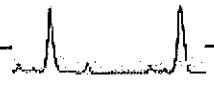
ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-30 (H710050-02) Sludge</b> Sampled: 23-Oct-07 09:50    Received: 26-Oct-07 12:00							
Silver	ND	1.0	mg/kg	1	31-Oct-07	EPA 6020A	
Thallium	ND	1.0	"	"	"	"	
Vanadium	24	1.0	"	"	"	"	
Zinc	76	5.0	"	"	"	"	
Magnesium	4100	20	"	"	07-Nov-07	EPA 7450	
Potassium	1100	20	"	"	"	EPA 7610	
Sodium	210	50	"	"	"	EPA 7770	
<b>WP-31 (H710050-03) Sludge</b> Sampled: 23-Oct-07 10:20    Received: 26-Oct-07 12:00							
Calcium	630	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	2.3	1.0	"	"	"	"	
Barium	89	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	29	1.0	"	"	"	"	
Cobalt	3.9	1.0	"	"	"	"	
Copper	49	2.0	"	"	"	"	
Iron	11000	20	"	"	"	"	
Lead	5.4	1.0	"	"	"	"	
Manganese	140	20	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	25	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	24	1.0	"	"	"	"	
Zinc	75	5.0	"	"	"	"	
Magnesium	3200	20	"	"	07-Nov-07	EPA 7450	
Potassium	930	20	"	"	"	EPA 7610	
Sodium	180	50	"	"	"	EPA 7770	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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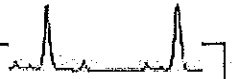
**Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-32 (H710050-04) Sludge Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00</b>							
Calcium	590	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	1.5	1.0	"	"	"	"	
Barium	63	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	21	1.0	"	"	"	"	
Cobalt	2.7	1.0	"	"	"	"	
Copper	37	2.0	"	"	"	"	
Iron	7200	20	"	"	"	"	
Lead	3.5	1.0	"	"	"	"	
Manganese	100	20	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	1.1	1.0	"	"	"	"	
Nickel	16	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	16	1.0	"	"	"	"	
Zinc	55	5.0	"	"	"	"	
Magnesium	2000	20	"	"	07-Nov-07	EPA 7450	
Potassium	820	20	"	"	"	EPA 7610	
Sodium	190	50	"	"	"	EPA 7770	

<b>WP-43 (H710050-05) Sludge Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00</b>							
Calcium	650	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	1.5	1.0	"	"	"	"	
Barium	58	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	18	1.0	"	"	"	"	
Cobalt	2.7	1.0	"	"	"	"	
Copper	32	2.0	"	"	"	"	
Iron	8000	20	"	"	"	"	
Lead	3.3	1.0	"	"	"	"	
Manganese	130	20	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	15	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	

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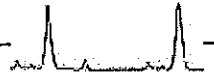


ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-43 (H710050-05) Sludge    Sampled: 23-Oct-07 11:10    Received: 26-Oct-07 12:00</b>							
Silver	ND	1.0	mg/kg	1	31-Oct-07	EPA 6020A	
Thallium	ND	1.0	"	"	"	"	
Vanadium	16	1.0	"	"	"	"	
Zinc	50	5.0	"	"	"	"	
Magnesium	2100	20	"	"	07-Nov-07	EPA 7450	
Potassium	750	20	"	"	"	EPA 7610	
Sodium	170	50	"	"	"	EPA 7770	
<b>WP-47 (H710050-06) Sludge    Sampled: 23-Oct-07 11:30    Received: 26-Oct-07 12:00</b>							
Calcium	610	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	1.6	1.0	"	"	"	"	
Barium	59	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	19	1.0	"	"	"	"	
Cobalt	2.7	1.0	"	"	"	"	
Copper	31	2.0	"	"	"	"	
Iron	8200	20	"	"	"	"	
Lead	3.7	1.0	"	"	"	"	
Manganese	130	20	"	"	"	"	
Mercury	0.3	0.1	"	"	"	"	
Molybdenum	1.1	1.0	"	"	"	"	
Nickel	17	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	17	1.0	"	"	"	"	
Zinc	54	5.0	"	"	"	"	
Magnesium	2100	20	"	"	07-Nov-07	EPA 7450	
Potassium	840	20	"	"	"	EPA 7610	
Sodium	160	50	"	"	"	EPA 7770	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**Metals**

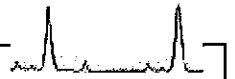
Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-48 (H710050-07) Sludge</b> Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00							
Calcium	580	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	2.0	1.0	"	"	"	"	
Barium	71	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	26	1.0	"	"	"	"	
Cobalt	4.0	1.0	"	"	"	"	
Copper	36	2.0	"	"	"	"	
Iron	12000	20	"	"	"	"	
Lead	4.2	1.0	"	"	"	"	
Manganese	220	20	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	22	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	20	1.0	"	"	"	"	
Zinc	52	5.0	"	"	"	"	
Magnesium	2700	20	"	"	07-Nov-07	EPA 7450	
Potassium	980	20	"	"	"	EPA 7610	
Sodium	170	50	"	"	"	EPA 7770	

<b>WP-53 (H710050-08) Sludge</b> Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00							
Calcium	520	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	1.9	1.0	"	"	"	"	
Barium	60	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	20	1.0	"	"	"	"	
Cobalt	3.0	1.0	"	"	"	"	
Copper	35	2.0	"	"	"	"	
Iron	8700	20	"	"	"	"	
Lead	4.9	1.0	"	"	"	"	
Manganese	130	20	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	22	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-53 (H710050-08) Sludge Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00</b>							
Silver	ND	1.0	mg/kg	1	31-Oct-07	EPA 6020A	
Thallium	ND	1.0	"	"	"	"	
Vanadium	20	1.0	"	"	"	"	
Zinc	59	5.0	"	"	"	"	
Magnesium	3000	20	"	"	07-Nov-07	EPA 7450	
Potassium	940	20	"	"	"	EPA 7610	
Sodium	160	50	"	"	"	EPA 7770	
<b>WP-59 (H710050-09) Sludge Sampled: 23-Oct-07 12:40 Received: 26-Oct-07 12:00</b>							
Calcium	1500	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	1.6	1.0	"	"	"	"	
Barium	58	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	17	1.0	"	"	"	"	
Cobalt	2.7	1.0	"	"	"	"	
Copper	33	2.0	"	"	"	"	
Iron	7200	20	"	"	"	"	
Lead	4.2	1.0	"	"	"	"	
Manganese	110	20	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	17	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	17	1.0	"	"	"	"	
Zinc	56	5.0	"	"	"	"	
Magnesium	2200	20	"	"	07-Nov-07	EPA 7450	
Potassium	760	20	"	"	"	EPA 7610	
Sodium	150	50	"	"	"	EPA 7770	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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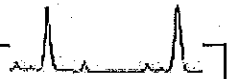
**Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-61 (H710050-10) Sludge Sampled: 23-Oct-07 13:00 Received: 26-Oct-07 12:00</b>							
Calcium	640	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	1.5	1.0	"	"	"	"	
Barium	61	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	19	1.0	"	"	"	"	
Cobalt	3.3	1.0	"	"	"	"	
Copper	25	2.0	"	"	"	"	
Iron	11000	20	"	"	"	"	
Lead	4.7	1.0	"	"	"	"	
Manganese	130	20	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	18	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	26	1.0	"	"	"	"	
Zinc	50	5.0	"	"	"	"	
Magnesium	2400	20	"	"	07-Nov-07	EPA 7450	
Potassium	830	20	"	"	"	EPA 7610	
Sodium	160	50	"	"	"	EPA 7770	

<b>WP-64 (H710050-11) Sludge Sampled: 23-Oct-07 13:15 Received: 26-Oct-07 12:00</b>							
Calcium	970	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	2.8	1.0	"	"	"	"	
Barium	71	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	23	1.0	"	"	"	"	
Cobalt	3.3	1.0	"	"	"	"	
Copper	37	2.0	"	"	"	"	
Iron	10000	20	"	"	"	"	
Lead	9.9	1.0	"	"	"	"	
Manganese	140	20	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	29	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	

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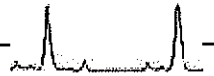
ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Metals**

Analyte	Result	Reporting			Dilution	Analyzed	Method	Notes
		Limit	Units					
<b>WP-64 (H710050-11) Sludge Sampled: 23-Oct-07 13:15 Received: 26-Oct-07 12:00</b>								
Silver	ND	1.0	mg/kg		1	31-Oct-07	EPA 6020A	
Thallium	ND	1.0	"		"	"	"	
Vanadium	28	1.0	"		"	"	"	
Zinc	66	5.0	"		"	"	"	
Magnesium	3100	20	"		"	07-Nov-07	EPA 7450	
Potassium	1100	20	"		"	"	EPA 7610	
Sodium	250	50	"		"	"	EPA 7770	
<b>WP-65 (H710050-12) Sludge Sampled: 23-Oct-07 13:30 Received: 26-Oct-07 12:00</b>								
Calcium	650	50	mg/kg		1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"		"	31-Oct-07	EPA 6020A	
Arsenic	3.0	1.0	"		"	"	"	
Barium	75	5.0	"		"	"	"	
Beryllium	ND	1.0	"		"	"	"	
Cadmium	ND	1.0	"		"	"	"	
Chromium	24	1.0	"		"	"	"	
Cobalt	3.6	1.0	"		"	"	"	
Copper	40	2.0	"		"	"	"	
Iron	8900	20	"		"	"	"	
Lead	10	1.0	"		"	"	"	
Manganese	160	20	"		"	"	"	
Mercury	ND	0.1	"		"	"	"	
Molybdenum	ND	1.0	"		"	"	"	
Nickel	31	1.0	"		"	"	"	
Selenium	ND	1.0	"		"	"	"	
Silver	ND	1.0	"		"	"	"	
Thallium	ND	1.0	"		"	"	"	
Vanadium	30	1.0	"		"	"	"	
Zinc	71	5.0	"		"	"	"	
Magnesium	2700	20	"		"	07-Nov-07	EPA 7450	
Potassium	810	20	"		"	"	EPA 7610	
Sodium	170	50	"		"	"	EPA 7770	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: <b>H710050</b>
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**Metals**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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**WP-66 (H710050-13) Sludge**    Sampled: 23-Oct-07 14:44    Received: 26-Oct-07 12:00

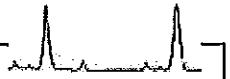
Calcium	660	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	1.6	1.0	"	"	"	"	
Barium	52	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	15	1.0	"	"	"	"	
Cobalt	2.5	1.0	"	"	"	"	
Copper	30	2.0	"	"	"	"	
Iron	7700	20	"	"	"	"	
Lead	4.3	1.0	"	"	"	"	
Manganese	120	20	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	19	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	
Silver	ND	1.0	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	
Vanadium	19	1.0	"	"	"	"	
Zinc	52	5.0	"	"	"	"	
Magnesium	2100	20	"	"	07-Nov-07	EPA 7450	
Potassium	730	20	"	"	"	EPA 7610	
Sodium	180	50	"	"	"	EPA 7770	

**WP-67 (H710050-14) Sludge**    Sampled: 23-Oct-07 15:18    Received: 26-Oct-07 12:00

Calcium	570	50	mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0	"	"	31-Oct-07	EPA 6020A	
Arsenic	2.1	1.0	"	"	"	"	
Barium	77	5.0	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	
Chromium	23	1.0	"	"	"	"	
Cobalt	3.9	1.0	"	"	"	"	
Copper	38	2.0	"	"	"	"	
Iron	13000	20	"	"	"	"	
Lead	8.8	1.0	"	"	"	"	
Manganese	210	20	"	"	"	"	
Mercury	ND	0.1	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	
Nickel	24	1.0	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Metals**

Analyte	Result	Reporting		Units	Dilution	Analyzed	Method	Notes
		Limit						
<b>WP-67 (H710050-14) Sludge Sampled: 23-Oct-07 15:18 Received: 26-Oct-07 12:00</b>								
Silver	ND	1.0		mg/kg	1	31-Oct-07	EPA 6020A	
Thallium	ND	1.0		"	"	"	"	
Vanadium	27	1.0		"	"	"	"	
Zinc	69	5.0		"	"	"	"	
Magnesium	2700	20		"	"	07-Nov-07	EPA 7450	
Potassium	930	20		"	"	"	EPA 7610	
Sodium	190	50		"	"	"	EPA 7770	
<b>WP-72 (H710050-15) Sludge Sampled: 23-Oct-07 15:20 Received: 26-Oct-07 12:00</b>								
Calcium	470	50		mg/kg	1	07-Nov-07	EPA 7140	
Antimony	ND	2.0		"	"	31-Oct-07	EPA 6020A	
Arsenic	2.8	1.0		"	"	"	"	
Barium	87	5.0		"	"	"	"	
Beryllium	ND	1.0		"	"	"	"	
Cadmium	ND	1.0		"	"	"	"	
Chromium	28	1.0		"	"	"	"	
Cobalt	4.2	1.0		"	"	"	"	
Copper	49	2.0		"	"	"	"	
Iron	13000	20		"	"	"	"	
Lead	9.2	1.0		"	"	"	"	
Manganese	190	20		"	"	"	"	
Mercury	ND	0.1		"	"	"	"	
Molybdenum	1.0	1.0		"	"	"	"	
Nickel	30	1.0		"	"	"	"	
Selenium	ND	1.0		"	"	"	"	
Silver	ND	1.0		"	"	"	"	
Thallium	ND	1.0		"	"	"	"	
Vanadium	31	1.0		"	"	"	"	
Zinc	92	5.0		"	"	"	"	
Magnesium	4000	20		"	"	07-Nov-07	EPA 7450	
Potassium	1000	20		"	"	"	EPA 7610	
Sodium	190	50		"	"	"	EPA 7770	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**Percent Moisture**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-28 (H710050-01) Sludge</b> Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00							
% Moisture	39		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-30 (H710050-02) Sludge</b> Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00							
% Moisture	29		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-31 (H710050-03) Sludge</b> Sampled: 23-Oct-07 10:20 Received: 26-Oct-07 12:00							
% Moisture	34		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-32 (H710050-04) Sludge</b> Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00							
% Moisture	21		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-43 (H710050-05) Sludge</b> Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00							
% Moisture	21		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-47 (H710050-06) Sludge</b> Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00							
% Moisture	22		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-48 (H710050-07) Sludge</b> Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00							
% Moisture	41		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-53 (H710050-08) Sludge</b> Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00							
% Moisture	36		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-59 (H710050-09) Sludge</b> Sampled: 23-Oct-07 12:40 Received: 26-Oct-07 12:00							
% Moisture	20		% by Weight	1	31-Oct-07	ASTM D2216-92	

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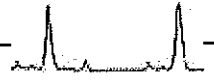


ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Percent Moisture**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-61 (H710050-10) Sludge</b> Sampled: 23-Oct-07 13:00    Received: 26-Oct-07 12:00							
% Moisture	39		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-64 (H710050-11) Sludge</b> Sampled: 23-Oct-07 13:15    Received: 26-Oct-07 12:00							
% Moisture	31		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-65 (H710050-12) Sludge</b> Sampled: 23-Oct-07 13:30    Received: 26-Oct-07 12:00							
% Moisture	27		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-66 (H710050-13) Sludge</b> Sampled: 23-Oct-07 14:44    Received: 26-Oct-07 12:00							
% Moisture	22		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-67 (H710050-14) Sludge</b> Sampled: 23-Oct-07 15:18    Received: 26-Oct-07 12:00							
% Moisture	34		% by Weight	1	31-Oct-07	ASTM D2216-92	
<b>WP-72 (H710050-15) Sludge</b> Sampled: 23-Oct-07 15:20    Received: 26-Oct-07 12:00							
% Moisture	40		% by Weight	1	31-Oct-07	ASTM D2216-92	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**pH - EPA Method 150.1**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-28 (H710050-01) Sludge</b>	Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00						
pH	8.2	0.1	pH Units	1	31-Oct-07	EPA 150.1	
<b>WP-30 (H710050-02) Sludge</b>	Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00						
pH	7.9	0.1	pH Units	1	31-Oct-07	EPA 150.1	
<b>WP-31 (H710050-03) Sludge</b>	Sampled: 23-Oct-07 10:20 Received: 26-Oct-07 12:00						
pH	8.0	0.1	pH Units	1	31-Oct-07	EPA 150.1	
<b>WP-32 (H710050-04) Sludge</b>	Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00						
pH	8.2	0.1	pH Units	1	31-Oct-07	EPA 150.1	
<b>WP-43 (H710050-05) Sludge</b>	Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00						
pH	8.3	0.1	pH Units	1	31-Oct-07	EPA 150.1	
<b>WP-47 (H710050-06) Sludge</b>	Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00						
pH	8.1	0.1	pH Units	1	31-Oct-07	EPA 150.1	
<b>WP-48 (H710050-07) Sludge</b>	Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00						
pH	8.2	0.1	pH Units	1	31-Oct-07	EPA 150.1	
<b>WP-53 (H710050-08) Sludge</b>	Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00						
pH	8.2	0.1	pH Units	1	31-Oct-07	EPA 150.1	
<b>WP-59 (H710050-09) Sludge</b>	Sampled: 23-Oct-07 12:40 Received: 26-Oct-07 12:00						
pH	8.1	0.1	pH Units	1	31-Oct-07	EPA 150.1	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**pH - EPA Method 150.1**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
WP-61 (H710050-10) Sludge	Sampled: 23-Oct-07 13:00 Received: 26-Oct-07 12:00						
pH	8.1	0.1	pH Units	1	31-Oct-07	EPA 150.1	
WP-64 (H710050-11) Sludge	Sampled: 23-Oct-07 13:15 Received: 26-Oct-07 12:00						
pH	7.4	0.1	pH Units	1	31-Oct-07	EPA 150.1	
WP-65 (H710050-12) Sludge	Sampled: 23-Oct-07 13:30 Received: 26-Oct-07 12:00						
pH	7.9	0.1	pH Units	1	31-Oct-07	EPA 150.1	
WP-66 (H710050-13) Sludge	Sampled: 23-Oct-07 14:44 Received: 26-Oct-07 12:00						
pH	8.0	0.1	pH Units	1	31-Oct-07	EPA 150.1	
WP-67 (H710050-14) Sludge	Sampled: 23-Oct-07 15:18 Received: 26-Oct-07 12:00						
pH	8.0	0.1	pH Units	1	31-Oct-07	EPA 150.1	
WP-72 (H710050-15) Sludge	Sampled: 23-Oct-07 15:20 Received: 26-Oct-07 12:00						
pH	8.1	0.1	pH Units	1	31-Oct-07	EPA 150.1	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

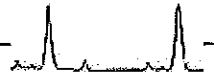
Work Order No.:  
H710050

**Phosphorous**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-28 (H710050-01) Sludge</b> Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	88.0	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-30 (H710050-02) Sludge</b> Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	84.0	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-31 (H710050-03) Sludge</b> Sampled: 23-Oct-07 10:20 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	76.0	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-32 (H710050-04) Sludge</b> Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	90.0	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-43 (H710050-05) Sludge</b> Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	86.0	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-47 (H710050-06) Sludge</b> Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	94.0	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-48 (H710050-07) Sludge</b> Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	58.0	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-53 (H710050-08) Sludge</b> Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	82.0	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-59 (H710050-09) Sludge</b> Sampled: 23-Oct-07 12:40 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	78.0	1.0	mg/kg	1	01-Nov-07	-----	

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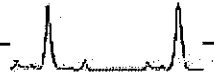
ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Phosphorous**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-61 (H710050-10) Sludge</b> Sampled: 23-Oct-07 13:00 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	106	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-64 (H710050-11) Sludge</b> Sampled: 23-Oct-07 13:15 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	46.0	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-65 (H710050-12) Sludge</b> Sampled: 23-Oct-07 13:30 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	114	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-66 (H710050-13) Sludge</b> Sampled: 23-Oct-07 14:44 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	82.0	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-67 (H710050-14) Sludge</b> Sampled: 23-Oct-07 15:18 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	114	1.0	mg/kg	1	01-Nov-07	-----	
<b>WP-72 (H710050-15) Sludge</b> Sampled: 23-Oct-07 15:20 Received: 26-Oct-07 12:00							
Phosphorous as P - Bray Method	122	1.0	mg/kg	1	01-Nov-07	-----	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

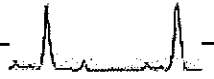
Work Order No.:  
H710050

**Sodium Absorption Ratio**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-28 (H710050-01) Sludge</b> Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.70	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-30 (H710050-02) Sludge</b> Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.70	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-31 (H710050-03) Sludge</b> Sampled: 23-Oct-07 10:20 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.60	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-32 (H710050-04) Sludge</b> Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.80	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-43 (H710050-05) Sludge</b> Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.70	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-47 (H710050-06) Sludge</b> Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.70	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-48 (H710050-07) Sludge</b> Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.70	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-53 (H710050-08) Sludge</b> Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.60	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-59 (H710050-09) Sludge</b> Sampled: 23-Oct-07 12:40 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.60	0.10	N/A	1	07-Nov-07	SAR	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Sodium Absorption Ratio**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-61 (H710050-10) Sludge</b> Sampled: 23-Oct-07 13:00 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.70	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-64 (H710050-11) Sludge</b> Sampled: 23-Oct-07 13:15 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.90	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-65 (H710050-12) Sludge</b> Sampled: 23-Oct-07 13:30 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.70	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-66 (H710050-13) Sludge</b> Sampled: 23-Oct-07 14:44 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.80	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-67 (H710050-14) Sludge</b> Sampled: 23-Oct-07 15:18 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.70	0.10	N/A	1	07-Nov-07	SAR	
<b>WP-72 (H710050-15) Sludge</b> Sampled: 23-Oct-07 15:20 Received: 26-Oct-07 12:00							
Sodium Absorption Ratio	0.60	0.10	N/A	1	07-Nov-07	SAR	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**Specific Conductance (EC) - EPA Method 120.1**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-28 (H710050-01) Sludge</b>	<b>Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00</b>						
Specific conductance	3000	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-30 (H710050-02) Sludge</b>	<b>Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00</b>						
Specific conductance	1800	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-31 (H710050-03) Sludge</b>	<b>Sampled: 23-Oct-07 10:20 Received: 26-Oct-07 12:00</b>						
Specific conductance	4100	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-32 (H710050-04) Sludge</b>	<b>Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00</b>						
Specific conductance	7000	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-43 (H710050-05) Sludge</b>	<b>Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00</b>						
Specific conductance	6900	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-47 (H710050-06) Sludge</b>	<b>Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00</b>						
Specific conductance	5900	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-48 (H710050-07) Sludge</b>	<b>Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00</b>						
Specific conductance	6200	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-53 (H710050-08) Sludge</b>	<b>Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00</b>						
Specific conductance	4600	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-59 (H710050-09) Sludge</b>	<b>Sampled: 23-Oct-07 12:40 Received: 26-Oct-07 12:00</b>						
Specific conductance	7200	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Specific Conductance (EC) - EPA Method 120.1**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-61 (H710050-10) Sludge</b> Sampled: 23-Oct-07 13:00    Received: 26-Oct-07 12:00							
Specific conductance	3900	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-64 (H710050-11) Sludge</b> Sampled: 23-Oct-07 13:15    Received: 26-Oct-07 12:00							
Specific conductance	2500	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-65 (H710050-12) Sludge</b> Sampled: 23-Oct-07 13:30    Received: 26-Oct-07 12:00							
Specific conductance	4600	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-66 (H710050-13) Sludge</b> Sampled: 23-Oct-07 14:44    Received: 26-Oct-07 12:00							
Specific conductance	5400	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-67 (H710050-14) Sludge</b> Sampled: 23-Oct-07 15:18    Received: 26-Oct-07 12:00							
Specific conductance	4300	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	
<b>WP-72 (H710050-15) Sludge</b> Sampled: 23-Oct-07 15:20    Received: 26-Oct-07 12:00							
Specific conductance	2700	5.0	umhos/cm	1	30-Oct-07	EPA 120.1	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: <b>H710050</b>
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**Total Dissolved Solids - EPA Method 160.1**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-28 (H710050-01) Sludge</b> Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00							
Total Dissolved Solids	4100	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-30 (H710050-02) Sludge</b> Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00							
Total Dissolved Solids	3300	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-31 (H710050-03) Sludge</b> Sampled: 23-Oct-07 10:20 Received: 26-Oct-07 12:00							
Total Dissolved Solids	3600	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-32 (H710050-04) Sludge</b> Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00							
Total Dissolved Solids	2400	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-43 (H710050-05) Sludge</b> Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00							
Total Dissolved Solids	1500	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-47 (H710050-06) Sludge</b> Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00							
Total Dissolved Solids	2600	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-48 (H710050-07) Sludge</b> Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00							
Total Dissolved Solids	2300	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-53 (H710050-08) Sludge</b> Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00							
Total Dissolved Solids	2200	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-59 (H710050-09) Sludge</b> Sampled: 23-Oct-07 12:40 Received: 26-Oct-07 12:00							
Total Dissolved Solids	1700	10	mg/L	1	31-Oct-07	EPA 160.1	

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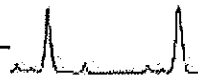
ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Total Dissolved Solids - EPA Method 160.1**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-61 (H710050-10) Sludge</b> Sampled: 23-Oct-07 13:00    Received: 26-Oct-07 12:00							
Total Dissolved Solids	1300	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-64 (H710050-11) Sludge</b> Sampled: 23-Oct-07 13:15    Received: 26-Oct-07 12:00							
Total Dissolved Solids	6000	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-65 (H710050-12) Sludge</b> Sampled: 23-Oct-07 13:30    Received: 26-Oct-07 12:00							
Total Dissolved Solids	2400	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-66 (H710050-13) Sludge</b> Sampled: 23-Oct-07 14:44    Received: 26-Oct-07 12:00							
Total Dissolved Solids	1900	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-67 (H710050-14) Sludge</b> Sampled: 23-Oct-07 15:18    Received: 26-Oct-07 12:00							
Total Dissolved Solids	1700	10	mg/L	1	31-Oct-07	EPA 160.1	
<b>WP-72 (H710050-15) Sludge</b> Sampled: 23-Oct-07 15:20    Received: 26-Oct-07 12:00							
Total Dissolved Solids	2000	10	mg/L	1	31-Oct-07	EPA 160.1	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**Total Fixed Solids**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
WP-28 (H710050-01) Sludge	Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00						
Total Fixed Solids	310000	50	mg/L	1	03-Nov-07	SM 2540A	
WP-30 (H710050-02) Sludge	Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00						
Total Fixed Solids	270000	50	mg/L	1	03-Nov-07	SM 2540A	
WP-31 (H710050-03) Sludge	Sampled: 23-Oct-07 10:20 Received: 26-Oct-07 12:00						
Total Fixed Solids	210000	50	mg/L	1	03-Nov-07	SM 2540A	
WP-32 (H710050-04) Sludge	Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00						
Total Fixed Solids	110000	50	mg/L	1	03-Nov-07	SM 2540A	
WP-43 (H710050-05) Sludge	Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00						
Total Fixed Solids	130000	50	mg/L	1	03-Nov-07	SM 2540A	
WP-47 (H710050-06) Sludge	Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00						
Total Fixed Solids	140000	50	mg/L	1	03-Nov-07	SM 2540A	
WP-48 (H710050-07) Sludge	Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00						
Total Fixed Solids	380000	50	mg/L	1	03-Nov-07	SM 2540A	
WP-53 (H710050-08) Sludge	Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00						
Total Fixed Solids	220000	50	mg/L	1	03-Nov-07	SM 2540A	
WP-59 (H710050-09) Sludge	Sampled: 23-Oct-07 12:40 Received: 26-Oct-07 12:00						
Total Fixed Solids	120000	50	mg/L	1	03-Nov-07	SM 2540A	

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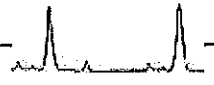
ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Total Fixed Solids**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-61 (H710050-10) Sludge</b> Sampled: 23-Oct-07 13:00    Received: 26-Oct-07 12:00							
Total Fixed Solids	400000	50	mg/L	1	03-Nov-07	SM 2540A	
<b>WP-64 (H710050-11) Sludge</b> Sampled: 23-Oct-07 13:15    Received: 26-Oct-07 12:00							
Total Fixed Solids	200000	50	mg/L	1	03-Nov-07	SM 2540A	
<b>WP-65 (H710050-12) Sludge</b> Sampled: 23-Oct-07 13:30    Received: 26-Oct-07 12:00							
Total Fixed Solids	180000	50	mg/L	1	03-Nov-07	SM 2540A	
<b>WP-66 (H710050-13) Sludge</b> Sampled: 23-Oct-07 14:44    Received: 26-Oct-07 12:00							
Total Fixed Solids	130000	50	mg/L	1	03-Nov-07	SM 2540A	
<b>WP-67 (H710050-14) Sludge</b> Sampled: 23-Oct-07 15:18    Received: 26-Oct-07 12:00							
Total Fixed Solids	290000	50	mg/L	1	03-Nov-07	SM 2540A	
<b>WP-72 (H710050-15) Sludge</b> Sampled: 23-Oct-07 15:20    Received: 26-Oct-07 12:00							
Total Fixed Solids	300000	50	mg/L	1	03-Nov-07	SM 2540A	

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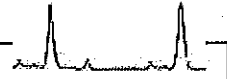


ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Total Kjeldahl Nitrogen by EPA 351.2**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-28 (H710050-01) Sludge</b> Sampled: 23-Oct-07 09:30    Received: 26-Oct-07 12:00							
Total Kjeldahl Nitrogen	1700	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
<b>WP-30 (H710050-02) Sludge</b> Sampled: 23-Oct-07 09:50    Received: 26-Oct-07 12:00							
Total Kjeldahl Nitrogen	1600	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
<b>WP-31 (H710050-03) Sludge</b> Sampled: 23-Oct-07 10:20    Received: 26-Oct-07 12:00							
Total Kjeldahl Nitrogen	1700	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
<b>WP-32 (H710050-04) Sludge</b> Sampled: 23-Oct-07 10:40    Received: 26-Oct-07 12:00							
Total Kjeldahl Nitrogen	3000	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
<b>WP-43 (H710050-05) Sludge</b> Sampled: 23-Oct-07 11:10    Received: 26-Oct-07 12:00							
Total Kjeldahl Nitrogen	3200	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
<b>WP-47 (H710050-06) Sludge</b> Sampled: 23-Oct-07 11:30    Received: 26-Oct-07 12:00							
Total Kjeldahl Nitrogen	2400	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
<b>WP-48 (H710050-07) Sludge</b> Sampled: 23-Oct-07 11:50    Received: 26-Oct-07 12:00							
Total Kjeldahl Nitrogen	2400	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
<b>WP-53 (H710050-08) Sludge</b> Sampled: 23-Oct-07 12:20    Received: 26-Oct-07 12:00							
Total Kjeldahl Nitrogen	2800	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
<b>WP-59 (H710050-09) Sludge</b> Sampled: 23-Oct-07 12:40    Received: 26-Oct-07 12:00							
Total Kjeldahl Nitrogen	2500	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**Total Kjeldahl Nitrogen by EPA 351.2**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
WP-61 (H710050-10) Sludge	Sampled: 23-Oct-07 13:00	Received: 26-Oct-07 12:00					
Total Kjeldahl Nitrogen	1600	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
WP-64 (H710050-11) Sludge	Sampled: 23-Oct-07 13:15	Received: 26-Oct-07 12:00					
Total Kjeldahl Nitrogen	1300	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
WP-65 (H710050-12) Sludge	Sampled: 23-Oct-07 13:30	Received: 26-Oct-07 12:00					
Total Kjeldahl Nitrogen	2000	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
WP-66 (H710050-13) Sludge	Sampled: 23-Oct-07 14:44	Received: 26-Oct-07 12:00					
Total Kjeldahl Nitrogen	1200	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
WP-67 (H710050-14) Sludge	Sampled: 23-Oct-07 15:18	Received: 26-Oct-07 12:00					
Total Kjeldahl Nitrogen	1800	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	
WP-72 (H710050-15) Sludge	Sampled: 23-Oct-07 15:20	Received: 26-Oct-07 12:00					
Total Kjeldahl Nitrogen	2600	5.0	mg/kg	1	30-Oct-07	SM 4500-N B	

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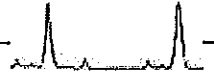


ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: <b>H710050</b>
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**Total Nitrogen**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>WP-28 (H710050-01) Sludge</b> Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00							
Total Nitrogen as N	1700	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
<b>WP-30 (H710050-02) Sludge</b> Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00							
Total Nitrogen as N	1600	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
<b>WP-31 (H710050-03) Sludge</b> Sampled: 23-Oct-07 10:20 Received: 26-Oct-07 12:00							
Total Nitrogen as N	1700	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
<b>WP-32 (H710050-04) Sludge</b> Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00							
Total Nitrogen as N	3000	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
<b>WP-43 (H710050-05) Sludge</b> Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00							
Total Nitrogen as N	3200	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
<b>WP-47 (H710050-06) Sludge</b> Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00							
Total Nitrogen as N	2400	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
<b>WP-48 (H710050-07) Sludge</b> Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00							
Total Nitrogen as N	2400	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
<b>WP-53 (H710050-08) Sludge</b> Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00							
Total Nitrogen as N	2800	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
<b>WP-59 (H710050-09) Sludge</b> Sampled: 23-Oct-07 12:40 Received: 26-Oct-07 12:00							
Total Nitrogen as N	2500	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	

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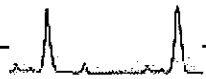
ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Total Nitrogen**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
WP-61 (H710050-10) Sludge	Sampled: 23-Oct-07 13:00 Received: 26-Oct-07 12:00						
Total Nitrogen as N	1600	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
WP-64 (H710050-11) Sludge	Sampled: 23-Oct-07 13:15 Received: 26-Oct-07 12:00						
Total Nitrogen as N	1300	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
WP-65 (H710050-12) Sludge	Sampled: 23-Oct-07 13:30 Received: 26-Oct-07 12:00						
Total Nitrogen as N	2000	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
WP-66 (H710050-13) Sludge	Sampled: 23-Oct-07 14:44 Received: 26-Oct-07 12:00						
Total Nitrogen as N	1200	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
WP-67 (H710050-14) Sludge	Sampled: 23-Oct-07 15:18 Received: 26-Oct-07 12:00						
Total Nitrogen as N	1800	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	
WP-72 (H710050-15) Sludge	Sampled: 23-Oct-07 15:20 Received: 26-Oct-07 12:00						
Total Nitrogen as N	2600	1.0	mg/kg	1	07-Nov-07	SM 4500 NC	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**Total Organic Carbon**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
WP-28 (H710050-01) Sludge	Sampled: 23-Oct-07 09:30 Received: 26-Oct-07 12:00						
Total Organic Carbon	23000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-30 (H710050-02) Sludge	Sampled: 23-Oct-07 09:50 Received: 26-Oct-07 12:00						
Total Organic Carbon	21000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-31 (H710050-03) Sludge	Sampled: 23-Oct-07 10:20 Received: 26-Oct-07 12:00						
Total Organic Carbon	21000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-32 (H710050-04) Sludge	Sampled: 23-Oct-07 10:40 Received: 26-Oct-07 12:00						
Total Organic Carbon	21000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-43 (H710050-05) Sludge	Sampled: 23-Oct-07 11:10 Received: 26-Oct-07 12:00						
Total Organic Carbon	17000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-47 (H710050-06) Sludge	Sampled: 23-Oct-07 11:30 Received: 26-Oct-07 12:00						
Total Organic Carbon	20000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-48 (H710050-07) Sludge	Sampled: 23-Oct-07 11:50 Received: 26-Oct-07 12:00						
Total Organic Carbon	15000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-53 (H710050-08) Sludge	Sampled: 23-Oct-07 12:20 Received: 26-Oct-07 12:00						
Total Organic Carbon	23000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-59 (H710050-09) Sludge	Sampled: 23-Oct-07 12:40 Received: 26-Oct-07 12:00						
Total Organic Carbon	21000	200	mg/kg	1	01-Nov-07	SM5310B	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359





ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

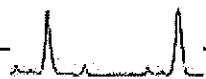
Work Order No.:  
H710050

**Total Organic Carbon**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
WP-61 (H710050-10) Sludge	Sampled: 23-Oct-07 13:00 Received: 26-Oct-07 12:00						
Total Organic Carbon	17000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-64 (H710050-11) Sludge	Sampled: 23-Oct-07 13:15 Received: 26-Oct-07 12:00						
Total Organic Carbon	32000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-65 (H710050-12) Sludge	Sampled: 23-Oct-07 13:30 Received: 26-Oct-07 12:00						
Total Organic Carbon	23000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-66 (H710050-13) Sludge	Sampled: 23-Oct-07 14:44 Received: 26-Oct-07 12:00						
Total Organic Carbon	19000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-67 (H710050-14) Sludge	Sampled: 23-Oct-07 15:18 Received: 26-Oct-07 12:00						
Total Organic Carbon	22000	200	mg/kg	1	01-Nov-07	SM5310B	
WP-72 (H710050-15) Sludge	Sampled: 23-Oct-07 15:20 Received: 26-Oct-07 12:00						
Total Organic Carbon	27000	200	mg/kg	1	01-Nov-07	SM5310B	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: .....

Work Order No.:  
H710050

**Alkalinity - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
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**Batch HQK0041 - General Prep**

<b>Blank (HQK0041-BLK1)</b>				Prepared & Analyzed: 10/30/07						
Carbonate Alkalinity	ND	5.0	mg/kg							
Bicarbonate Alkalinity	ND	5.0	"							
Hydroxide Alkalinity	ND	5.0	"							
Total Alkalinity	ND	10	"							

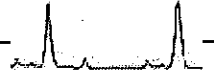
<b>LCS (HQK0041-BS1)</b>				Prepared & Analyzed: 10/30/07						
Total Alkalinity	100		mg/kg	100		100	80-120			

<b>LCS Dup (HQK0041-BS1)</b>				Prepared & Analyzed: 10/30/07						
Total Alkalinity	100		mg/kg	100		100	80-120	0	20	

<b>Matrix Spike (HQK0041-MS1)</b>				Source: H710050-02 Prepared & Analyzed: 10/30/07						
Total Alkalinity	180		mg/kg	100	92	88	70-130			

<b>Matrix Spike Dup (HQK0041-MSD1)</b>				Source: H710050-02 Prepared & Analyzed: 10/30/07						
Total Alkalinity	200		mg/kg	100	92	108	70-130	11	20	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Anions by Ion Chromatography - EPA Method 300.0 - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQK0051 - General Prep**

**Blank (HQK0051-BLK1)**

Prepared & Analyzed: 11/05/07

Chloride	ND	10	mg/kg							
Nitrate	ND	1.0	"							

**LCS (HQK0051-BS1)**

Prepared & Analyzed: 11/05/07

Chloride	1.7	10	mg/kg	2.00	94	85	70-130			
Nitrate	3.6	1.0	"	4.00	90	90	70-130			

**Matrix Spike (HQK0051-MS1)**

Source: H710050-01

Prepared & Analyzed: 11/05/07

Chloride	95.7	10	mg/kg	2.00	94	85	70-130			
Nitrate	8.3	1.0	"	4.00	4.7	90	70-130			

**Matrix Spike Dup (HQK0051-MSD1)**

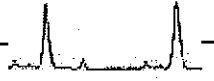
Source: H710050-01

Prepared & Analyzed: 11/05/07

Chloride	95.8	10	mg/kg	2.00	94	90	70-130	0.1	20	
Nitrate	8.3	1.0	"	4.00	4.7	90	70-130	0	20	

Approved By

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**DTPA Extractable Metals - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQK0061 - EPA 3050B**

**Blank (HQK0061-BLK1)** Prepared & Analyzed: 11/07/07

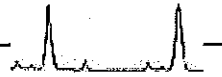
Antimony	ND	2.0	mg/kg							
Arsenic	ND	1.0	"							
Barium	ND	5.0	"							
Beryllium	ND	1.0	"							
Cadmium	ND	1.0	"							
Chromium	ND	1.0	"							
Cobalt	ND	1.0	"							
Copper	ND	2.0	"							
Iron	ND	20	"							
Lead	ND	1.0	"							
Manganese	ND	20	"							
Mercury	ND	0.10	"							
Molybdenum	ND	1.0	"							
Nickel	ND	1.0	"							
Selenium	ND	1.0	"							
Silver	ND	1.0	"							
Thallium	ND	1.0	"							
Vanadium	ND	1.0	"							
Zinc	ND	5.0	"							

**LCS (HQK0061-BS1)** Prepared & Analyzed: 11/07/07

Antimony	11.8		mg/kg	10.0		118	80-120			
Arsenic	10.2		"	10.0		102	80-120			
Barium	107		"	100		107	80-120			
Beryllium	9.70		"	10.0		97	80-120			
Cadmium	9.00		"	10.0		90	80-120			
Chromium	9.10		"	10.0		91	80-120			
Cobalt	9.10		"	10.0		91	80-120			
Copper	10.7		"	10.0		107	80-120			
Iron	99.0		"	100		99	80-120			
Lead	10.2		"	10.0		102	80-120			
Manganese	115		"	100		115	80-120			
Mercury	0.40		"	0.500		80	80-120			
Molybdenum	11.0		"	10.0		110	80-120			
Nickel	9.50		"	10.0		95	80-120			
Selenium	10.1		"	10.0		101	80-120			
Silver	9.50		"	10.0		95	80-120			

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**DTPA Extractable Metals - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQK0061 - EPA 3050B**

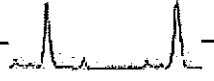
LCS (HQK0061-BS1)		Prepared & Analyzed: 11/07/07								
Thallium	11.2		mg/kg	10.0		112	80-120			
Vanadium	9.60		"	10.0		96	80-120			
Zinc	94.0		"	100		94	80-120			

LCS Dup (HQK0061-BSD1)		Prepared & Analyzed: 11/07/07								
Antimony	11.2		mg/kg	10.0		112	80-120	5	20	
Arsenic	10.0		"	10.0		100	80-120	2	20	
Barium	106		"	100		106	80-120	0.9	20	
Beryllium	9.40		"	10.0		94	80-120	3	20	
Cadmium	8.80		"	10.0		88	80-120	2	20	
Chromium	9.00		"	10.0		90	80-120	1	20	
Cobalt	8.50		"	10.0		85	80-120	7	20	
Copper	10.6		"	10.0		106	80-120	0.9	20	
Iron	99.0		"	100		99	80-120	0	20	
Lead	10.4		"	10.0		104	80-120	2	20	
Manganese	109		"	100		109	80-120	5	20	
Mercury	0.42		"	0.500		84	80-120	5	20	
Molybdenum	10.4		"	10.0		104	80-120	6	20	
Nickel	9.40		"	10.0		94	80-120	1	20	
Selenium	10.0		"	10.0		100	80-120	1	20	
Silver	9.60		"	10.0		96	80-120	1	20	
Thallium	9.50		"	10.0		95	80-120	16	20	
Vanadium	9.50		"	10.0		95	80-120	1	20	
Zinc	95.0		"	100		95	80-120	1	20	

Matrix Spike (HQK0061-MS1)		Source: H710050-15		Prepared & Analyzed: 11/07/07						
Antimony	11.1		mg/kg	10.0	ND	111	70-130			
Arsenic	9.30		"	10.0	0.40	89	70-130			
Barium	99.3		"	100	3.3	96	70-130			
Beryllium	11.8		"	10.0	ND	118	70-130			
Cadmium	12.5		"	10.0	ND	125	70-130			
Chromium	8.60		"	10.0	ND	86	70-130			
Cobalt	12.4		"	10.0	0.30	121	70-130			
Copper	10.9		"	10.0	0.70	102	70-130			
Iron	542		"	100	440	102	70-130			
Lead	14.0		"	10.0	3.6	104	70-130			
Manganese	101		"	100	4.9	96	70-130			

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**DTPA Extractable Metals - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQK0061 - EPA 3050B**

Matrix Spike (HQK0061-MS1)	Source: H710050-15			Prepared & Analyzed: 11/07/07						
Mercury	0.60		mg/kg	0.500	ND	120	70-130			
Molybdenum	11.9		"	10.0	ND	119	70-130			
Nickel	19.3		"	10.0	7.2	121	70-130			
Selenium	11.1		"	10.0	ND	111	70-130			
Silver	10.1		"	10.0	ND	101	70-130			
Thallium	10.8		"	10.0	ND	108	70-130			
Vanadium	11.0		"	10.0	2.4	86	70-130			
Zinc	102		"	100	7.8	94	70-130			

Matrix Spike Dup (HQK0061-MSD1)	Source: H710050-15			Prepared & Analyzed: 11/07/07						
Antimony	10.5		mg/kg	10.0	ND	105	70-130	6	20	
Arsenic	9.60		"	10.0	0.40	92	70-130	3	20	
Barium	99.3		"	100	3.3	96	70-130	0	20	
Beryllium	12.6		"	10.0	ND	126	70-130	7	20	
Cadmium	12.5		"	10.0	ND	125	70-130	0	20	
Chromium	8.90		"	10.0	ND	89	70-130	3	20	
Cobalt	12.3		"	10.0	0.30	120	70-130	0.8	20	
Copper	10.9		"	10.0	0.70	102	70-130	0	20	
Iron	560		"	100	440	120	70-130	3	20	
Lead	13.8		"	10.0	3.6	102	70-130	1	20	
Manganese	106		"	100	4.9	101	70-130	5	20	
Mercury	0.52		"	0.500	ND	104	70-130	14	20	
Molybdenum	12.1		"	10.0	ND	121	70-130	2	20	
Nickel	18.9		"	10.0	7.2	117	70-130	2	20	
Selenium	12.0		"	10.0	ND	120	70-130	8	20	
Silver	10.8		"	10.0	ND	108	70-130	7	20	
Thallium	9.20		"	10.0	ND	92	70-130	16	20	
Vanadium	11.0		"	10.0	2.4	86	70-130	0	20	
Zinc	102		"	100	7.8	94	70-130	0	20	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Extractable Potassium (K) - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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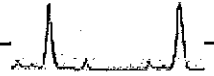
**Batch HQK0056 - EPA 3050B**

<b>Blank (HQK0056-BLK1)</b>				Prepared & Analyzed: 11/07/07						
Potassium	ND	20	mg/kg							

<b>LCS (HQK0056-BS1)</b>				Prepared & Analyzed: 11/07/07						
Potassium	2.5		mg/kg	2.50		100	80-120			

<b>LCS Dup (HQK0056-BSD1)</b>				Prepared & Analyzed: 11/07/07						
Potassium	2.5		mg/kg	2.50		100	80-120	0	20	

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Metals - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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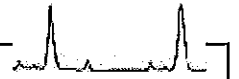
**Batch HQK0046 - EPA 3050B**

Blank (HQK0046-BLK1)				Prepared: 10/29/07 Analyzed: 10/31/07						
Antimony	ND	2.0	mg/kg							
Arsenic	ND	1.0	"							
Barium	ND	5.0	"							
Beryllium	ND	1.0	"							
Cadmium	ND	1.0	"							
Chromium	ND	1.0	"							
Cobalt	ND	1.0	"							
Copper	ND	2.0	"							
Iron	ND	20	"							
Lead	ND	1.0	"							
Manganese	ND	20	"							
Mercury	ND	0.1	"							
Molybdenum	ND	1.0	"							
Nickel	ND	1.0	"							
Selenium	ND	1.0	"							
Silver	ND	1.0	"							
Thallium	ND	1.0	"							
Vanadium	ND	1.0	"							
Zinc	ND	5.0	"							

LCS (HQK0046-BS1)				Prepared: 10/29/07 Analyzed: 10/31/07						
Antimony	10.0		mg/kg	10.0		100	80-120			
Arsenic	10.2		"	10.0		102	80-120			
Barium	100		"	100		100	80-120			
Beryllium	10.3		"	10.0		103	80-120			
Cadmium	10.1		"	10.0		101	80-120			
Chromium	10.0		"	10.0		100	80-120			
Cobalt	10.6		"	10.0		106	80-120			
Copper	10.4		"	10.0		104	80-120			
Iron	110		"	100		110	80-120			
Lead	10.3		"	10.0		103	80-120			
Manganese	108		"	100		108	80-120			
Mercury	0.42		"	0.500		84	80-120			
Molybdenum	9.80		"	10.0		98	80-120			
Nickel	10.4		"	10.0		104	80-120			
Selenium	10.3		"	10.0		103	80-120			
Silver	9.70		"	10.0		97	80-120			

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Metals - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQK0046 - EPA 3050B**

**LCS (HQK0046-BS1)**

Prepared: 10/29/07 Analyzed: 10/31/07

Thallium	10.0		mg/kg	10.0		100	80-120			
Vanadium	10.0		"	10.0		100	80-120			
Zinc	100		"	100		100	80-120			

**LCS Dup (HQK0046-BSD1)**

Prepared: 10/29/07 Analyzed: 10/31/07

Antimony	10.0		mg/kg	10.0		100	80-120	0	20	
Arsenic	10.3		"	10.0		103	80-120	1	20	
Barium	100		"	100		100	80-120	0	20	
Beryllium	10.4		"	10.0		104	80-120	1	20	
Cadmium	10.1		"	10.0		101	80-120	0	20	
Chromium	10.0		"	10.0		100	80-120	0	20	
Cobalt	10.6		"	10.0		106	80-120	0	20	
Copper	10.2		"	10.0		102	80-120	2	20	
Iron	108		"	100		108	80-120	2	20	
Lead	10.4		"	10.0		104	80-120	1	20	
Manganese	109		"	100		109	80-120	0.9	20	
Mercury	0.42		"	0.500		84	80-120	0	20	
Molybdenum	9.90		"	10.0		99	80-120	1	20	
Nickel	10.5		"	10.0		105	80-120	1	20	
Selenium	10.2		"	10.0		102	80-120	1	20	
Silver	9.80		"	10.0		98	80-120	1	20	
Thallium	10.2		"	10.0		102	80-120	2	20	
Vanadium	9.90		"	10.0		99	80-120	1	20	
Zinc	100		"	100		100	80-120	0	20	

**Matrix Spike (HQK0046-MS1)**

Source: H710050-15

Prepared: 10/29/07 Analyzed: 10/31/07

Antimony	10.3		mg/kg	10.0	ND	103	70-130			
Arsenic	12.8		"	10.0	2.8	100	70-130			
Barium	195		"	100	87	108	70-130			
Beryllium	9.30		"	10.0	ND	93	70-130			
Cadmium	10.5		"	10.0	0.42	101	70-130			
Chromium	37.5		"	10.0	28	95	70-130			
Cobalt	13.7		"	10.0	4.2	95	70-130			
Copper	59.1		"	10.0	49	101	70-130			
Lead	19.7		"	10.0	9.2	105	70-130			
Manganese	288		"	100	190	98	70-130			
Mercury	0.43		"	0.500	ND	86	70-130			

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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Metals - Quality Control**

**Argon Laboratories**

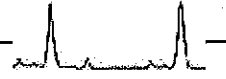
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQK0046 - EPA 3050B**

Matrix Spike (HQK0046-MS1)	Source: H710050-15			Prepared: 10/29/07 Analyzed: 10/31/07						
Molybdenum	11.1		mg/kg	10.0	1.0	101	70-130			
Nickel	40.6		"	10.0	30	106	70-130			
Selenium	10.1		"	10.0	ND	101	70-130			
Silver	10.4		"	10.0	ND	104	70-130			
Thallium	10.0		"	10.0	ND	100	70-130			
Vanadium	40.7		"	10.0	31	97	70-130			
Zinc	196		"	100	92	104	70-130			

Matrix Spike Dup (HQK0046-MSD1)	Source: H710050-15			Prepared: 10/29/07 Analyzed: 10/31/07						
Antimony	10.0		mg/kg	10.0	ND	100	70-130	3	20	
Arsenic	12.8		"	10.0	2.8	100	70-130	0	20	
Barium	190		"	100	87	103	70-130	3	20	
Beryllium	9.10		"	10.0	ND	91	70-130	2	20	
Cadmium	10.1		"	10.0	0.42	97	70-130	4	20	
Chromium	37.2		"	10.0	28	92	70-130	0.8	20	
Cobalt	13.5		"	10.0	4.2	93	70-130	1	20	
Copper	58.9		"	10.0	49	99	70-130	0.3	20	
Iron	0.00		"	100	13000	NR	70-130		20	
Lead	20.5		"	10.0	9.2	113	70-130	4	20	
Manganese	284		"	100	190	94	70-130	1	20	
Mercury	0.43		"	0.500	ND	86	70-130	0	20	
Molybdenum	10.8		"	10.0	1.0	98	70-130	3	20	
Nickel	40.1		"	10.0	30	101	70-130	1	20	
Selenium	10.0		"	10.0	ND	100	70-130	1	20	
Silver	10.1		"	10.0	ND	101	70-130	3	20	
Thallium	9.80		"	10.0	ND	98	70-130	2	20	
Vanadium	40.4		"	10.0	31	94	70-130	0.7	20	
Zinc	193		"	100	92	101	70-130	2	20	

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ConAgra Foods Inc.  
554 S. Yosemite Ave.  
Oakdale, CA 95361

Project Number: 102-11  
Project Name: ConAgra Aerated Pond  
Project Manager: -----

Work Order No.:  
H710050

**Metals - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQK0052 - EPA 3050B**

**Blank (HQK0052-BLK1)**

Prepared & Analyzed: 11/07/07

Potassium	ND	20	mg/kg							
Calcium	ND	50	"							
Magnesium	ND	20	"							
Sodium	ND	50	"							

**LCS (HQK0052-BS1)**

Prepared & Analyzed: 11/07/07

Calcium	10		mg/kg	10.0		100	80-120			
Magnesium	4.8		"	5.00		96	80-120			
Potassium	5.0		"	5.00		100	80-120			
Sodium	10		"	10.0		100	80-120			

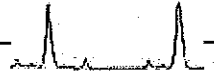
**LCS Dup (HQK0052-BSD1)**

Prepared & Analyzed: 11/07/07

Potassium	5.0		mg/kg	5.00		100	80-120	0	20	
Sodium	10		"	10.0		100	80-120	0	20	
Magnesium	4.8		"	5.00		96	80-120	0	20	
Calcium	10		"	10.0		100	80-120	0	20	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**pH - EPA Method 150.1 - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQK0043 - General Prep**

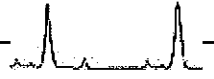
LCS (HQK0043-BS1)

Prepared & Analyzed: 10/31/07

pH	7.01		pH Units	7.00		100	99-101			
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ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
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**Phosphorous - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQK0057 - General Prep**

<b>Blank (HQK0057-BLK1)</b>		Prepared & Analyzed: 11/01/07								
Phosphorous as P - Bray Method	ND	1.0	mg/kg							
<b>LCS (HQK0057-BS1)</b>		Prepared & Analyzed: 11/01/07								
Total Phosphorous as P	10.8		mg/kg	10.0		108	80-120			
<b>LCS Dup (HQK0057-BSD1)</b>		Prepared & Analyzed: 11/01/07								
Total Phosphorous as P	10.9		mg/kg	10.0		109	80-120	0.9	20	

Approved By  
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
---	--	----------------------------

**Specific Conductance (EC) - EPA Method 120.1 - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch HQK0044 - General Prep**

**Blank (HQK0044-BLK1)** Prepared: 10/30/07 Analyzed: 11/08/07

Specific conductance	ND	5.0	umhos/cm							
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**LCS (HQK0044-BS1)** Prepared: 10/30/07 Analyzed: 11/08/07

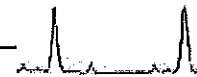
Specific conductance	94.0		umhos/cm	100		94	80-120			
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**LCS Dup (HQK0044-BSD1)** Prepared: 10/30/07 Analyzed: 11/08/07

Specific conductance	97.0		umhos/cm	100		97	80-120	3	20	
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Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
---	--	----------------------------

**Total Dissolved Solids - EPA Method 160.1 - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch HQK0045 - General Prep**

<b>Blank (HQK0045-BLK1)</b>				Prepared & Analyzed: 10/31/07						
Total Dissolved Solids	ND	10	mg/L							
<b>LCS (HQK0045-BS1)</b>				Prepared & Analyzed: 10/31/07						
Total Dissolved Solids	1000		mg/L	1000		100	80-120			
<b>LCS Dup (HQK0045-BSD1)</b>				Prepared & Analyzed: 10/31/07						
Total Dissolved Solids	1000		mg/L	1000		100	80-120	0	20	
<b>Matrix Spike (HQK0045-MS1)</b>				Source: H710050-06		Prepared & Analyzed: 10/31/07				
Total Dissolved Solids	3500		mg/L	1000	2600	90	70-130			
<b>Matrix Spike Dup (HQK0045-MSD1)</b>				Source: H710050-06		Prepared & Analyzed: 10/31/07				
Total Dissolved Solids	3470		mg/L	1000	2600	87	70-130	0.9	20	

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
---	--	----------------------------

**Total Fixed Solids - Quality Control**

**Argon Laboratories**

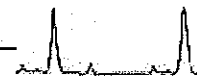
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch HQK0059 - General Prep**

<b>Blank (HQK0059-BLK1)</b>		Prepared: 10/29/07 Analyzed: 11/03/07								
Total Fixed Solids	ND	50	mg/L							
<b>Duplicate (HQK0059-DUP1)</b>		Source: H710050-01 Prepared: 10/29/07 Analyzed: 11/03/07								
Total Fixed Solids	310000	50	mg/L		310000			0	20	

Approved By  
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359





ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
---	--	----------------------------

**Total Kjeldahl Nitrogen by EPA 351.2 - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch HQK0054 - General Prep**

<b>Blank (HQK0054-BLK1)</b>		Prepared & Analyzed: 10/30/07								
Total Kjeldahl Nitrogen	ND	5.0	mg/kg							
<b>LCS (HQK0054-BS1)</b>		Prepared & Analyzed: 10/30/07								
Total Kjeldahl Nitrogen	10.1		mg/kg	10.0		101	80-120			
<b>LCS Dup (HQK0054-BSD1)</b>		Prepared & Analyzed: 10/30/07								
Total Kjeldahl Nitrogen	10.1		mg/kg	10.0		101	80-120	0	20	
<b>Matrix Spike (HQK0054-MS1)</b>		Source: H710050-11		Prepared & Analyzed: 10/30/07						
Total Kjeldahl Nitrogen	1310		mg/kg	10.0	1300	100	70-130			
<b>Matrix Spike Dup (HQK0054-MSD1)</b>		Source: H710050-11		Prepared & Analyzed: 10/30/07						
Total Kjeldahl Nitrogen	1310		mg/kg	10.0	1300	100	70-130	0	20	

Approved By  
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
---	--	----------------------------

**Total Organic Carbon - Quality Control**

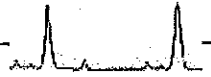
**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch HQK0060 - General Prep**

<b>Blank (HQK0060-BLK1)</b>				Prepared: 10/01/07 Analyzed: 11/01/07						
Total Organic Carbon	ND	200	mg/kg							
<b>LCS (HQK0060-BS1)</b>				Prepared: 10/01/07 Analyzed: 11/01/07						
Total Organic Carbon	60.0		mg/kg	60.0		100	70-130			
<b>LCS Dup (HQK0060-BSD1)</b>				Prepared: 10/01/07 Analyzed: 11/01/07						
Total Organic Carbon	60.0		mg/kg	60.0		100	70-130	0	20	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359



ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361	Project Number: 102-11 Project Name: ConAgra Aerated Pond Project Manager: -----	Work Order No.: H710050
---	--	----------------------------

**Notes and Definitions**

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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Approved By  
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

**APPENDIX B**

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**LABORATORY ANALYTICAL RESULTS OF MAY 2005 APPLICATION  
SOILS**

**A & L WESTERN AGRICULTURAL LABORATORIES, INC.**  
 1311 Woodland Avenue, Suite 1 • Modesto, California 95351 • (209) 529-4080



Report No: 05-126-029  
 Preliminary Report

Account No: 9999

Send to: JOHN BRICHETTO  
 P O BOX 11600  
 OAKDALE, CA 95361  
 Attention: Name

Submitted by: John Brichetto  
 Sampled by: John Brichetto

Date Sampled: 05/06/2005  
 Date Received: 05/06/2005  
 Date Reported: 05/11/2005

Lab Number: 50433

Sample ID: Crane Rd. Top

**503 METALS ANALYSIS REPORT**

Detection Limit mg/kg	Analyte	Level Found mg/kg	Method Code
0.5	Arsenic	BDL	EPA SW846-6010
0.1	Cadmium	2.1	EPA SW846-6010
0.5	Chromium	5.9	EPA SW846-6010
0.1	Copper	3.0	EPA SW846-6010
1.2	Lead	BDL	EPA SW846-6010
0.05	Mercury	Pending	EPA SW846-7471A
1.0	Molybdenum	BDL	EPA SW846-6010
0.1	Nickel	7.8	EPA SW846-6010
5.5	Selenium	BDL	EPA SW846-6010
0.1	Zinc	28.9	EPA SW846-6010

BDL - INDICATES THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE

A & L Western Agricultural Laboratories

Robert Butterfield  
 Laboratory Director

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# A & L WESTERN AGRICULTURAL LABORATORIES

1311 Woodland Ave. • Ste. #1 • Modesto, CA 95351 • (209) 529-4080 • FAX (209) 529-4736

REPORT NUMBER

05-126-029

SEND TO:

JOHN BRICHETTO  
PO BOX 11800  
OAKDALE, CA 95361-

CUSTOMER

SAMPLES SUBMITTED BY:

Client No: 99999-D

LAB NO. 50433 DATE 05/12/2005 PAGE 1

## ORGANIC AMENDMENT REPORT

SAMPLE NUMBER	REPORT OF ANALYSIS-PERCENT										REPORT OF ANALYSIS-PARTS PER MILLION				
	N NITRO-GEN	P PHOS-PHORUS	P <sub>2</sub> O <sub>5</sub> PHOS-PHATE	K POTAS-SIUM	K <sub>2</sub> O POTASH	S SULFUR	Mg MAG-NESIUM	Ca CALCIUM	Na SODIUM	Fe IRON	Al ALUMI-NIUM	Mn MANGA-NESE	Cu COPPER	Zn ZINC	B
CRANE RD TOP	0.01	0.03	0.07	0.160	0.193	0.010	0.230	0.150	0.010	15120	1785	129	4	2: 80.0	

*Walnuts*

SAMPLE NUMBER	POUNDS OF NUTRIENTS/TON														
	N NITRO-GEN	P PHOS-PHORUS	P <sub>2</sub> O <sub>5</sub> PHOS-PHATE	K POTAS-SIUM	K <sub>2</sub> O POTASH	S SULFUR	Mg MAG-NESIUM	Ca CALCIUM	Na SODIUM	Fe IRON	Al ALUMI-NIUM	Mn MANGA-NESE	Cu COPPER	Zn ZINC	B
CRANE RD	0.3	0.6	1.4	3.2	3.9	0.2	4.6	3.0	0.2	30.2	3.6	0.3	0.1	0.1	0.1


- Reported on an as-received basis Moisture = %
- Reported on a dry basis Moisture = 4.10 %

Remarks:  
To convert to pounds of nutrients/ton as received, multiply pounds of nutrients/ton as reported by (100 - moisture %)/100.

pH = 7.2  
C:N Ratio = 35:1  
Soluble Salts = 0.2 dS/m  
Organic Matter = 0.85 %  
Ammonia Nitrogen = <0.0003 %  
Nitrate Nitrogen = 0.0004 %  
Chloride = 0.22 %  
Organic Nitrogen = 0.014 %  
Volatile Solids = 0.85 %

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By:   
ROBERT S. FIELD

**A & L WESTERN AGRICULTURAL LABORATORIES, INC.**  
 1311 Woodland Avenue, Suite 1 • Modesto, California 95351 • (209) 529-4080



Report No: 05-126-029  
 Preliminary Report

Account No: 9999

Send to: JOHN BRICHETTO  
 P O BOX 11600  
 OAKDALE, CA 95361  
 Attention: Name

Submitted by: John Brichetto  
 Sampled by: John Brichetto

Date Sampled: 05/06/2005  
 Date Received: 05/06/2005  
 Date Reported: 05/11/2005

Sample ID: Brady Rd. North End

Lab Number: 50435

**503 METALS ANALYSIS REPORT**

Detection Limit mg/kg	Analyte	Level Found mg/kg	Method Code
0.5	Arsenic	BDL	EPA SW846-6010
0.1	Cadmium	6.5	EPA SW846-6010
0.5	Chromium	37.3	EPA SW846-6010
0.1	Copper	20.8	EPA SW846-6010
1.2	Lead	4.2	EPA SW846-6010
0.05	Mercury	Pending	EPA SW846-7471A
1.0	Molybdenum	BDL	EPA SW846-6010
0.1	Nickel	38.5	EPA SW846-6010
5.5	Selenium	BDL	EPA SW846-6010
0.1	Zinc	67.3	EPA SW846-6010

BDL - INDICATES THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.

A & L Western Agricultural Laboratories

Robert Butterfield  
 Laboratory Director

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05-126-029



ASL WESTERN LABORATORIES, INC.

SAMPLES SUBMITTED BY:

Client No: 99999-D

CUSTOMER

JOHN BRICHETTO  
PO BOX 11600  
OAKDALE, CA 95361-

SEND TO:

## ORGANIC AMENDMENT REPORT

LAB NO. 50435 DATE 05/12/2005 PAGE 2

REPORT OF ANALYSIS-PERCENT										REPORT OF ANALYSIS-PARTS PER MILLION				
SAMPLE NUMBER	N NITRO-GEN	P PHOS-PHORUS	P <sub>2</sub> O <sub>5</sub> PHOS-PHATE	K POTAS-SIUM	K <sub>2</sub> O POTASH	S SULFUR	Mg MAG-NESIUM	Ca CALCIUM	Na SODIUM	Fe IRON	Al ALUMI-NUM	Mn MANGA-NESE	Cu COPPER	Zn ZINC
BRADY RD NORTH END	0.07	0.08	0.21	0.380	0.458	0.010	0.720	0.480	0.030	18340	7895	375	22	71.93.0

*Walnuts*

## POUNDS OF NUTRIENTS/TON

SAMPLE NUMBER	N NITRO-GEN	P PHOS-PHORUS	P <sub>2</sub> O <sub>5</sub> PHOS-PHATE	K POTAS-SIUM	K <sub>2</sub> O POTASH	S SULFUR	Mg MAG-NESIUM	Ca CALCIUM	Na SODIUM	Fe IRON	Al ALUMI-NUM	Mn MANGA-NESE	Cu COPPER	Zn ZINC
BRADY RD	1.4	1.8	4.1	7.6	9.2	0.2	14.4	9.5	0.6	38.7	15.8	0.8	0.1	0.2

- Reported on an as-received basis
- Reported on a dry basis

Moisture = %  
 C:N Ratio = 29:1  
 Soluble Salts = 0.3 dS/m  
 Organic Matter = 3.55 %  
 Ammonia Nitrogen = 0.00003 %  
 Nitrate Nitrogen = 0.0004 %  
 Chloride = 0.77 %  
 Organic Nitrogen = 0.071 %  
 Volatile Solids = 3.55 %

### Remarks:

To convert to pounds of nutrients/ton as received, multiply pounds of nutrients/ton as reported by (100 - moisture %)/100.

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*ROBERT BOUTELLE*

By



REPORT NUMBER

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1311 Woodland Ave. • Ste. #1 • Modesto, CA 95351 • (209) 529-4080 • FAX (209) 529-4736



A&L WESTERN LABORATORIES, INC.

SEND TO:

JOHN BRICHETTO  
PO BOX 11600  
OAKDALE, CA 95361-

SAMPLES SUBMITTED BY:

Client No: 95999-D

CUSTOMER

LAB NO. 50438 DATE 05/12/2005 PAGE 3

## ORGANIC AMENDMENT REPORT

SAMPLE NUMBER	REPORT OF ANALYSIS-PERCENT										REPORT OF ANALYSIS-PARTS PER MILLION				
	N NITRO-GEN	P PHOS-PHORUS	P <sub>2</sub> O <sub>5</sub> PHOS-PHATE	K POTAS-SIUM	K <sub>2</sub> O POTASH	S SULFUR	Mg MAG-NESEIUM	Ca CALCIUM	Na SODIUM	Fe IRON	Al ALUMI-NUM	Mn MANGA-NESE	Cu COPPER	Zn ZINC	B B
26 M1 RD BLK 5	0.05	0.01	0.02	0.070	0.084	0.010	0.210	0.130	0.010	12970	2372	89	0	21	52.0

*Almonds*

## POUNDS OF NUTRIENTS/TON

SAMPLE NUMBER	N NITRO-GEN	P PHOS-PHORUS	P <sub>2</sub> O <sub>5</sub> PHOS-PHATE	K POTAS-SIUM	K <sub>2</sub> O POTASH	S SULFUR	Mg MAG-NESEIUM	Ca CALCIUM	Na SODIUM	Fe IRON	Al ALUMI-NUM	Mn MANGA-NESE	Cu COPPER	Zn ZINC	B B
26 M1 RD	1.0	0.2	0.5	1.4	1.7	0.2	4.2	2.6	0.2	25.9	4.7	0.2	0.1	0.1	0.1

- Reported on an as-received basis    Moisture = %
- Reported on a dry basis    Moisture = 12.49 %

Remarks:

To convert to pounds of nutrients/ton as received, multiply pounds of nutrients/ton as reported by (100 - moisture %)/100.

pH = 5.6

C:N Ratio = 52:1

Soluble Salts = 0.5 ds/m

Organic Matter = 4.33 %

Ammonia Nitrogen = 0.0003 %

Nitrate Nitrogen = 0.0016 %

Chloride = 0.19 %

Organic Nitrogen = 0.048 %

Volatile Solids = 4.33 %

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This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.

By:   
ROBERT COTTERFIELD

**A & L WESTERN AGRICULTURAL LABORATORIES, INC.**  
 1311 Woodland Avenue, Suite 1 • Modesto, California 95351 • (209) 529-4080



Report No: 05-126-029  
 Preliminary Report

Account No: 9999

Send to: JOHN BRICHETTO  
 P O BOX 11600  
 OAKDALE, CA 95361  
 Attention: Name

Submitted by: John Brichetto  
 Sampled by: John Brichetto

Date Sampled: 05/06/2005  
 Date Received: 05/06/2005  
 Date Reported: 05/11/2005

Lab Number: 50438

Sample ID: 26 Mile Rd. Block 5

**503 METALS ANALYSIS REPORT**

Detection Limit mg/kg	Analyte	Level Found mg/kg	Method Code
0.5	Arsenic	BDL	EPA SW846-6010
0.1	Cadmium	5.2	EPA SW846-6010
0.5	Chromium	13.3	EPA SW846-6010
0.1	Copper	7.0	EPA SW846-6010
1.2	Lead	BDL	EPA SW846-6010
0.05	Mercury	Pending	EPA SW846-7471A
1.0	Molybdenum	BDL	EPA SW846-6010
0.1	Nickel	17.1	EPA SW846-6010
5.5	Selenium	BDL	EPA SW846-6010
0.1	Zinc	55.1	EPA SW846-6010

BDL - INDICATES THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.

A & L Western Agricultural Laboratories

Robert Butterfield  
 Laboratory Director

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Report No: 05-126-029  
 Preliminary Report

Account No: 9999

Send to: JOHN BRICHETTO  
 P O BOX 11600  
 OAKDALE, CA 95361  
 Attention: Name

Submitted by: John Brichetto  
 Sampled by: John Brichetto

Date Sampled: 05/06/2005  
 Date Received: 05/06/2005  
 Date Reported: 05/11/2005

Lab Number: 50439

Sample ID: 26 Mile Rd. Block 6-7

**503 METALS ANALYSIS REPORT**

Detection Limit mg/kg	Analyte	Level Found mg/kg	Method Code
0.5	Arsenic	BDL	EPA SW846-6010
0.1	Cadmium	4.1	EPA SW846-6010
0.5	Chromium	19.2	EPA SW846-6010
0.1	Copper	5.7	EPA SW846-6010
1.2	Lead	3.7	EPA SW846-6010
0.05	Mercury	Pending	EPA SW846-7471A
1.0	Molybdenum	BDL	EPA SW846-6010
0.1	Nickel	5.4	EPA SW846-6010
5.5	Selenium	BDL	EPA SW846-6010
0.1	Zinc	70.0	EPA SW846-6010

BDL - INDICATES THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.

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Robert Butterfield  
 Laboratory Director

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REPORT NUMBER

05-126-029

SEND TO:

JOHN BRICHETTO  
PO BOX 11600  
OAKDALE, CA 95361-

SAMPLES SUBMITTED BY:

Client No: 99999-D

CUSTOMER

## ORGANIC AMENDMENT REPORT

LAB NO. 50439 DATE 05/12/2005 PAGE 4

SAMPLE NUMBER	REPORT OF ANALYSIS-PERCENT										REPORT OF ANALYSIS-PARTS PER MILLION				
	N NITRO-GEN	P PHOS-PHORUS	P <sub>2</sub> O <sub>5</sub> PHOS-PHATE	K POTAS-SIUM	K <sub>2</sub> O POTASH	S SULFUR	Mg MAG-NESIUM	Ca CALCIUM	Na SODIUM	Fe IRON	Al ALUMI-NUM	Mn MANGA-NESE	Cu COPPER	Zn ZINC	B
29 MI RD BLK 6&7	0.03	0.01	0.02	0.050	0.080	0.010	0.150	0.180	0.010	12150	3253	163	4	19	46.0

*Open Oct 2 - 10/20/05  
without box  
Forogmif*

SAMPLE NUMBER	POUNDS OF NUTRIENTS/TON														
	N NITRO-GEN	P PHOS-PHORUS	P <sub>2</sub> O <sub>5</sub> PHOS-PHATE	K POTAS-SIUM	K <sub>2</sub> O POTASH	S SULFUR	Mg MAG-NESIUM	Ca CALCIUM	Na SODIUM	Fe IRON	Al ALUMI-NUM	Mn MANGA-NESE	Cu COPPER	Zn ZINC	B
29 MI RD	1.7	0.2	0.5	1.0	1.2	0.2	3.0	3.2	0.2	24.3	6.5	0.3	0.1	0.1	40.1

Reported on an as-received basis Moisture = %

Reported on a dry basis Moisture = 8.95 %

Remarks:  
To convert to pounds of nutrients/ton as received, multiply pounds of nutrients/ton as reported by (100 - moisture %)/100.

pH = 7.2  
C:N Ratio = 24:1  
Soluble Salts = 0.6 ds/m  
Organic Matter = 3.53 %  
Ammonia Nitrogen = <0.0003 %  
Nitrate Nitrogen = 0.0006 %  
Chloride = 0.20 %  
Organic Nitrogen = 0.083 %  
Volatile Solids = 3.53 %

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This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.



By



# A & L WESTERN LABORATORIES, INC.

1311 Woodland Ave. #1 • Modesto, California 95351 • Phone 209-529-4080

#2014

## CHAIN OF CUSTODY

05 181105

MS. Lori DELIH

916 941-3850

Client CONAGRA OARDALE

PAT DUNN

Phone 209-848-7930

Address 557 YOSEMITE

DUNNVIEW

CC to: \_\_\_\_\_

Oardale CA Zip 95060

Signature of person authorizing work under terms stated below\* \_\_\_\_\_

\*Net 30 days. All accounts past due will be subject to interest charges of 1.5% per month.

\*Hazardous materials are the property of the client. The client is responsible for proper disposal of hazardous wastes. Clients not picking up hazardous wastes may be assessed an appropriate fee.

PROJECT ID				No. of Containers	ANALYSIS										REMARKS
MUD WAIVER					SIOC	TAN	MM-N 249	TOC 540	Mot/Bone 37	CEL 37	C:N (Calculated)	503 Metals			
SAMPLED BY: (signature): <i>Pat Dunn</i>															
Date	Time	sample type		Sample Location											
		Grab	Comp.												
6/3/05	11:00	X		63-28-11 (0-1')	1	X	X	X	X	X	X	X	X	X	54055
6/3/05	16:10	X		63-28-26 "	1	X	X	X	X	X	X	X	X	X	54056
6/3/05	18:20	X		64-31-40 "	1	X	X	X	X	X	X	X	X	X	54057
6/3/05	11:25	X		63-25-15 "	1	X	X	X	X	X	X	X	X	X	54058
6/3/05	12:30	X		02-59-04 "	1	X	X	X	X	X	X	X	X	X	54059

Relinquished by (signature): <i>Pat Dunn</i>	Date 6/3/05	Time 2:45	Received by (signature): <i>Pat Dunn</i>	Date 6/3/05	Time 2:45
Relinquished by (signature):	Date	Time	Received by (signature):	Date	Time
Relinquished by (signature):	Date	Time	Received by (signature):	Date	Time
Relinquished by (signature):	Date	Time	Received by (signature):	Date	Time
Relinquished by (signature):	Date	Time	Received by (signature):	Date	Time

Site Time:	Driving Time:
Start: _____ Finish: _____ Total Hours: _____	Start: _____ Finish: _____ Total Hours: _____

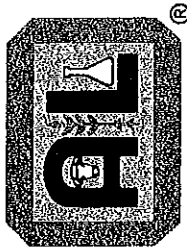
Dedicated Exclusively to Providing Quality Analytical Services

✓ metals  
✓ rest

05-181-105

# A & L WESTERN AGRICULTURAL LABORATORIES

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Client No: 5016-M



REPORT NUMBER

CON AGRA OAKDALE  
554 S YOSEMITE  
OAKDALE, CA 95361

Grower: MUD WATER

Submitted by: PAT DUNN

Date: 07/06/2005

Page 1

## Soil Salinity Report

Sample Number	Lab Number	SAR	ESP	Na meq/L	Ca meq/L	Mg meq/L	pH	CO3 meq/L	HCO3 meq/L	E.C. dS/m	Cl meq/L	B ppm	Saturation %
63281	54055	0.8	< 0.1	0.5	0.6	0.2	5.0	0.0	0.4	0.1	0.1	0.1	24.8
63282	54056	0.6	< 0.1	0.6	1.5	0.5	6.0	0.0	1.1	0.2	0.3	0.2	27.1
64314	54057	0.3	< 0.1	0.6	5.8	2.4	4.8	0.0	0.8	0.5	0.1	0.1	29.4
63251	54058	1.3	0.7	1.5	1.9	0.7	7.5	0.0	1.5	0.3	0.8	0.1	30.4
02590	54059	0.5	< 0.1	1.1	6.5	1.7	5.4	0.0	0.7	0.5	0.1	0.1	25.6

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MIKE BUTTRESS, CPAG

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REPORT NUMBER  
15-181-105

# A & L WESTERN AGRICULTURAL LABORATORIES

1311 Woodland Ave. • Ste. #1 • Modesto, CA 95351 • (209) 529-4080 • FAX (209) 529-4736

Client No: 5016-M



AGL WESTERN LABORATORIES, INC.

GROWER: MUD WATER  
SUBMITTED BY: PAT DUNN  
CON AGRA OAKDALE  
554 S YOSEMITE  
OAKDALE, CA 95361

## SOIL ANALYSIS REPORT

(SEE EXPLANATION ON BACK)

DATE OF REPORT 07/06/2005 PAGE 1

SAMPLE NUMBER	LAB NUMBER	ORGANIC MATTER		PHOSPHORUS		POTASSIUM K ppm-K RATE	MAGNESIUM Mg ppm-Mg RATE	CALCIUM Ca ppm-Ca RATE	SODIUM Na ppm-Na RATE	SOIL pH	pH BUFFER INDEX	HYDROGEN H meq/100g	Cation Exchange Capacity C.E.C. meq/100g	PERCENT CATION SATURATION (COMPUTED)				
		% ENR	ENR	P <sub>i</sub> (Weak Bray)	NaHCO <sub>3</sub> -P (Olsen Method)									% K	% Mg	% Ca	% H	% Na
1281	54055	1.0L	50	23M	20**	70M	61L	605L	13VL	5.0	6.7	2.6	6.4	2.8	7.9	47.4	41.0	0.9
1282	54056	1.4L	57	51VH	32**	142M	132L	1607H	22VL	6.0	6.8	1.7	11.2	3.2	9.6	71.3	15.0	0.8
1314	54057	2.0L	69	11L	17**	171M	232M	1429L	24VL	4.8	6.3	8.5	18.1	2.4	10.5	39.5	47.0	0.6
1251	54058	1.1L	52	43VH	35VH	357VH	128M	1238VH	17VL	7.5		0.0	8.2	11.1	12.8	75.1	0.0	0.9
1590	54059	1.5L	61	30H	31**	39L	75L	872L	29L	5.4	6.7	2.1	7.3	1.4	8.5	60.0	28.5	1.7

\*\* NaHCO<sub>3</sub>-P unreliable at this soil pH

SAMPLE NUMBER	NITROGEN NO <sub>3</sub> -N ppm-NO <sub>3</sub> -N RATE	SULFUR SO <sub>4</sub> -S PPM-S RATE	ZINC Zn ppm-Zn RATE	MANGANESE Mn ppm-Mn RATE	IRON Fe ppm-Fe RATE	COPPER Cu ppm-Cu RATE	BORON B ppm-B RATE	EXCESS LIME RATE	SOLUBLE SALTS ppm-Total Rate	CHLORIDE Cl ppm-Cl RATE	PARTICLE SIZE ANALYSIS							
											% SAND	% SILT	% CLAY	SOIL TEXTURE				
1281	2VL	8L	0.5VL	17H	118VH	1.1M	0.1VL	L	0.1VL									
1282	6L	5L	1.3M	20H	42VH	0.9M	0.4L	L	0.2VL									
1314	26H	3VL	0.9L	14H	117VH	0.8L	0.2VL	L	0.5L									
1251	4VL	6L	3.4H	14H	28VH	4.1VH	0.1VL	L	0.3L									
1590	37H	8L	1.8M	13H	47VH	0.7L	0.2VL	L	0.5L									

This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.

A & L WESTERN AGRICULTURAL LABORATORIES

BY: *Mike Buttress*

MIKE BUTTRESS, CPAG

• CODE TO RATING: VERY LOW (VL), LOW (L), MEDIUM (M), HIGH (H), VERY (VH), AND NONE (N).  
\*\* ENR - ESTIMATED NITROGEN RELEASE  
\*\*\* MULTIPLY THE RESULTS IN PPM BY 4.6 TO CONVERT TO LBS. PER ACRE P<sub>2</sub>O<sub>5</sub>  
\*\*\*\* MULTIPLY THE RESULTS IN PPM BY 2.4 TO CONVERT TO LBS. PER ACRE K<sub>2</sub>O

PORT NUMBER  
5-181-106

# A & L WESTERN AGRICULTURAL LABORATORIES

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Client No: 5016-M

GROWER: MUD WATER  
SUBMITTED BY: PAT DUNN

COW AGRA OAKDALE  
554 S YOSEMITE  
OAKDALE, CA 95361



ASL WESTERN LABORATORIES, INC.

## SOIL ANALYSIS REPORT

(SEE EXPLANATION ON BACK)

07/08/2005 PAGE 1

TE OF REPORT

SAMPLE NUMBER	LAB NUMBER	ORGANIC MATTER RATE	PHOSPHORUS		POTASSIUM	MAGNESIUM	CALCIUM	SODIUM	pH	HYDRO-GEN H	Cation Exchange Capacity C.E.C.	PERCENT SATURATION (COMPUTED)					
			P (Weak Bray)	N-HCO <sub>3</sub> -P (Olsen Method)								K	Mg	Ca	Na	% K	% Mg
		lbs/A	ppm-P RATE	ppm-P RATE	ppm-K RATE	ppm-Mg RATE	ppm-Ca RATE	ppm-Na RATE	SOIL pH	meq/100g	meq/100g	%	%	%	%	%	%
1281	54058	1.0L	23M	20**	70M	61L	605L	13VL	5.0	2.6	6.4	2.8	7.9	47.4	41.0	0.9	
1282	54059	1.4L	51VH	32**	142M	132L	1607H	22VL	6.0	1.7	11.2	3.2	9.6	71.3	19.8	9.9	
1314	54057	2.0L	11L	17**	171M	232M	1429L	24VL	4.9	8.5	18.1	2.4	10.5	39.5	47.0	0.6	
1251	54058	1.1L	43VH	35VH	357VH	128M	1238VH	17VL	7.5	0.0	8.2	11.1	12.8	75.1	0.0	0.9	
1590	54059	1.5L	30H	31**	39L	75L	672L	29L	5.4	2.1	7.3	1.4	8.5	60.0	28.5	1.7	

\*\* N-HCO<sub>3</sub>-P Unreliable at this soil pH

SAMPLE NUMBER	NITROGEN	SULFUR	ZINC	MANGANESE	IRON	COPPER	BORON	EXCESS LIME RATE	SOLUBLE SALTS	CHLORIDE	PARTICLE SIZE ANALYSIS					
											% NO <sub>3</sub> -N RATE	SO <sub>4</sub> -S	Zn	Mn	Fe	Cu
	ppm-NO <sub>3</sub> -N RATE	PPM-S RATE	PPM-Zn RATE	ppm-Mn RATE	ppm-Fe RATE	ppm-Cu RATE	ppm-B RATE		mmhos/cm RATE	ppm-Cl RATE	ppm-Cl RATE	%	%	%	SOIL TEXTURE	
1281	2VL	9L	0.5VL	17H	118VH	1.1M	0.1VL	L	0.1VL							
1282	6L	5L	1.3M	20H	42VH	0.9M	0.4L	L	0.2VL							
1314	26H	3VL	0.9L	14H	117VH	0.8L	0.2VL	L	0.5L							
1251	4VL	6L	3.4H	14H	28VH	4.1VH	0.1VL	L	0.3L							
1590	37H	8L	1.8M	13H	47VH	0.7L	0.2VL	L	0.5L							

This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.

A & L WESTERN AGRICULTURAL LABORATORIES

BY MIKE BUTTRESS, CRAQ

CODE TO RATING: VERY LOW (VL), LOW (L), MEDIUM (M), HIGH (H), VERY (VH), AND NONE (N).  
ENR - ESTIMATED NITROGEN RELEASE  
\*\* MULTIPLY THE RESULT IN ppm BY 2.4 TO CONVERT TO LBS. PER ACRE.  
\*\*\* MULTIPLY THE RESULTS IN ppm BY 4.6 TO CONVERT TO LBS. PER ACRE P<sub>2</sub>O<sub>5</sub>  
\*\*\*\* MULTIPLY THE RESULTS IN ppm BY 2.4 TO CONVERT TO LBS. PER ACRE K<sub>2</sub>O



REPORT NUMBER  
15-121-105

# A & L WESTERN AGRICULTURAL LABORATORIES

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Client No: 5016-M



A&L WESTERN LABORATORIES, INC.

IND CON AGRA OAKDALE  
554 S. YOSEMITE  
OAKDALE, CA 95361

GROWER: MUD WATER  
SUBMITTED BY: PAT DUNN

## SOIL ANALYSIS REPORT

(SEE EXPLANATION ON BACK)

07/06/2005 PAGE 1

DATE OF REPORT

SAMPLE NUMBER	LAB NUMBER	ORGANIC MATTER %	PHOSPHORUS		POTASSIUM	MAGNESIUM	CALCIUM	SODIUM	pH	HYDRO-GEN	Cation Exchange Capacity	PERCENT CATION SATURATION (COMPUTED)				
			PPM-P-RATE	PPM-P-RATE								PPM-K-RATE	Mg	Ca	K	%
3281	54056	1.0L	23M	20**	70M	61L	605L	13VL	5.0	2.6	5.4	2.8	7.9	47.4	47.0	0.3
3282	54056	1.4L	51VH	32**	142M	132L	1807H	22VL	6.0	1.7	11.2	13.2	9.8	13.3	15.9	0.8
4914	54057	2.0L	11L	17**	171M	232M	1429L	24VL	4.8	8.5	18.1	2.4	10.5	39.5	47.0	0.6
3251	54058	1.1L	43VH	35VH	357VH	128M	1238VH	17VL	7.5	0.0	8.2	11.7	12.8	75.1	0.0	0.9
2590	54059	1.5L	30H	31**	39L	75L	972L	29L	5.4	2.1	7.3	1.4	8.5	60.0	28.5	1.7

SAMPLE NUMBER	NITROGEN	SULFUR	ZINC	MANGANESE	IRON	COPPER	BORON	EXCESS LIME	SOLUBLE SALTS	CHLORIDE	PARTICLE SIZE ANALYSIS					
											PPM-N-RATE	PPM-S-RATE	PPM-Zn-RATE	PPM-Mn-RATE	PPM-Fe-RATE	PPM-Cu-RATE
3281	2VL	8L	0.5VL	17H	112VH	1.1M	0.1VL	L	0.1VL							
3282	6L	5L	1.3M	20H	42VH	0.9M	0.4L	L	0.2VL							
4914	26H	3VL	0.8L	14H	117VH	0.8L	0.2VL	L	0.5L							
3251	4VL	6L	3.4H	14H	28VH	4.1VH	0.1VL	L	0.3L							
2590	37H	8L	1.8M	13H	47VH	0.7L	0.2VL	L	0.5L							

This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.

A & L WESTERN AGRICULTURAL LABORATORIES

BY: MIKE BUTTRISS, CPAAG

\* CODE TO RATING: VERY LOW (VL), LOW (L), MEDIUM (M), HIGH (H), VERY (VH), AND NONE (N).  
\*\* ENR - ESTIMATED NITROGEN RELEASE  
\*\*\* MULTIPLY THE RESULTS IN PPM BY 4.6 TO CONVERT TO LBS. PER ACRE P<sub>2</sub>O<sub>5</sub>  
\*\*\*\* MULTIPLY THE RESULTS IN PPM BY 2.4 TO CONVERT TO LBS. PER ACRE K<sub>2</sub>O

**A & L WESTERN AGRICULTURAL LABORATORIES, INC.**  
1311 Woodland Avenue, Suite 1 • Modesto, California 95351 • (209) 529-4080



Report No: 05-181-105

Account No: 5016

Send to: CON AGRA-OAKDALE  
554 S. YOSEMITE  
OAKDALE, CA 95361

Project Id: MUD WATER

Submitted by: Pat Dunn

Date Received: 06/30/2005  
Date Reported: 07/07/2005

Lab Number: 54059

Sample ID: 02-59-04

**SOIL ANALYSIS REPORT**

Detection Limit	Analyte	Level Found
50 mg/kg	Total Kjeldahl Nitrogen	973 mg/kg
2 mg/kg	NH <sub>4</sub> -N	BDL
0.1 %	Total Organic Carbon	0.87 %
0.1 %	Moisture	6.18 %
1.0 meq/100g	Cation Exchange Capacity	12.2 meq/100g
Calculated	C:N Ratio	9:1
Calculated	Total Nitrogen	978 mg/kg

BDL - INDICATED THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.

A & L Western Agricultural Laboratories

Robert Butterfield  
Laboratory Director

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Report No: 05-181-105

Account No: 5016

Send to: CON AGRA-OAKDALE  
 554 S. YOSEMITE  
 OAKDALE, CA 95361

Project Id: MUD WATER

Submitted by: Pat Dunn

Date Received: 06/30/2005  
 Date Reported: 07/07/2005

Sample ID: 63-25-15

Lab Number: 54058

**SOIL ANALYSIS REPORT**

Detection Limit	Analyte	Level Found
50 mg/kg	Total Kjeldahl Nitrogen	750 mg/kg
2 mg/kg	NH <sub>4</sub> -N	BDL
0.1 %	Total Organic Carbon	0.64 %
0.1 %	Moisture	3.68 %
1.0 meq/100g	Cation Exchange Capacity	12.8 meq/100g
Calculated	C:N Ratio	9:1
Calculated	Total Nitrogen	758 mg/kg

BDL - INDICATED THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE

A & L Western Agricultural Laboratories

Robert Butterfield  
 Laboratory Director

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Report No: 05-181-105

Account No: 5016

Send to: CON AGRA-OAKDALE  
 554 S. YOSEMITE  
 OAKDALE, CA 95361

Project Id: MUD WATER

Submitted by: Pat Dunn

Date Received: 06/30/2005  
 Date Reported: 07/07/2005

Sample ID: 64-31-40

Lab Number: 54057

**SOIL ANALYSIS REPORT**

Detection Limit	Analyte	Level Found
50 mg/kg	Total Kjeldahl Nitrogen	1185 mg/kg
2 mg/kg	NH <sub>4</sub> -N	BDL
0.1 %	Total Organic Carbon	1.16 %
0.1 %	Moisture	6.27 %
1.0 meq/100g	Cation Exchange Capacity	20.6 meq/100g
Calculated	C:N Ratio	10:1
Calculated	Total Nitrogen	1190 mg/kg

BDL - INDICATED THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.

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**Robert Butterfield**  
 Laboratory Director

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Report No: 05-181-105

Account No: 5016

Send to: CON AGRA-OAKDALE  
554 S. YOSEMITE  
OAKDALE, CA 95361

Project Id: MUD WATER

Submitted by: Pat Dunn

Lab Number: 54056

Sample ID: 63-28-26

Date Received: 06/30/2005  
Date Reported: 07/07/2005

**SOIL ANALYSIS REPORT**

Detection Limit	Analyte	Level Found
50 mg/kg	Total Kjeldahl Nitrogen	1096 mg/kg
2 mg/kg	NH <sub>4</sub> -N	BDL
0.1 %	Total Organic Carbon	0.81 %
0.1 %	Moisture	1.57 %
1.0 meq/100g	Cation Exchange Capacity	16.4 meq/100g
Calculated	C:N Ratio	7:1
Calculated	Total Nitrogen	1102 mg/kg

BDL - INDICATED THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.

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Robert Butterfield  
Laboratory Director

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Report No: 05-181-105

Account No: 5016

Send to: CON AGRA-OAKDALE  
554 S. YOSEMITE  
OAKDALE, CA 95361

Project Id: MUD WATER

Submitted by: Pat Dunn

Lab Number: 54055

Sample ID: 63-28-11

Date Received: 06/30/2005  
Date Reported: 07/07/2005

**SOIL ANALYSIS REPORT**

Detection Limit	Analyte	Level Found
50 mg/kg	Total Kjeldahl Nitrogen	719 mg/kg
2 mg/kg	NH <sub>4</sub> -N	BDL
0.1 %	Total Organic Carbon	0.59 %
0.1 %	Moisture	2.31 %
1.0 meq/100g	Cation Exchange Capacity	14.8 meq/100g
Calculated	C:N Ratio	8:1
Calculated	Total Nitrogen	721 mg/kg

BDL - INDICATED THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.

**A & L Western Agricultural Laboratories**

**Robert Butterfield**  
Laboratory Director

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Report No: 05-181-105

Account No: 5016

Send to: CON AGRA-OAKDALE  
 554 S. YOSEMITE  
 OAKDALE, CA 95361

Project ID: MUD WATER

Submitted by: Pat Dunn

Date Received: 06/30/2005  
 Date Reported: 07/22/2005

Lab Number: 54059

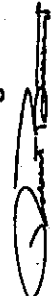
Sample ID: 02-59-04

**503 METALS ANALYSIS REPORT**

Detection Limit mg/kg	Analyte	Level Found mg/kg	Method Code
0.5	Arsenic	1.1	EPA SW846-6010
0.1	Cadmium	3.1	EPA SW846-6010
0.5	Chromium	12.4	EPA SW846-6010
0.1	Copper	4.9	EPA SW846-6010
1.2	Lead	17.1	EPA SW846-6010
0.05	Mercury	BDL	EPA SW846-7471A
1.0	Molybdenum	BDL	EPA SW846-6010
0.1	Nickel	2.9	EPA SW846-6010
5.5	Selenium	BDL	EPA SW846-6010
0.1	Zinc	24.1	EPA SW846-6010

BDL - INDICATES THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.

**A & L Western Agricultural Laboratories**



**Robert Butterfield**  
 Laboratory Director

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Report No: 05-181-105

Send to: CON AGRA-OAKDALE  
554 S. YOSEMITE  
OAKDALE, CA 95361

Account No: 5016

Project ID: MUD WATER

Submitted by: Pat Dunn

Lab Number: 54058

Sample ID: 63-25-15


Date Received: 06/30/2005  
Date Reported: 07/22/2005

## 503 METALS ANALYSIS REPORT

Detection Limit mg/kg	Analyte	Level Found mg/kg	Method Code
0.5	Arsenic	1.8	EPA SW846-6010
0.1	Cadmium	2.5	EPA SW846-6010
0.5	Chromium	13.6	EPA SW846-6010
0.1	Copper	13.5	EPA SW846-6010
1.2	Lead	18.1	EPA SW846-6010
0.05	Mercury	BDL	EPA SW846-7471A
1.0	Molybdenum	BDL	EPA SW846-6010
0.1	Nickel	5.9	EPA SW846-6010
5.5	Selenium	BDL	EPA SW846-6010
0.1	Zinc	32.4	EPA SW846-6010

BDL - INDICATES THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.

A & L Western Agricultural Laboratories



Robert Butterfield  
Laboratory Director

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**A & L WESTERN AGRICULTURAL LABORATORIES, INC.**  
 1311 Woodland Avenue, Suite 1 • Modesto, California 95351 • (209) 529-4080

Report No: 05-181-105

Account No: 5016

Send to: CON AGRA-OAKDALE  
 554 S. YOSEMITE  
 OAKDALE, CA 95361

Project ID: MUD WATER

Submitted by: Pat Dunn

Lab Number: 54057

Sample ID: 64-31-40

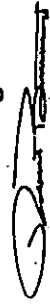
Date Received: 06/30/2005  
 Date Reported: 07/22/2005

**503 METALS ANALYSIS REPORT**

Detection Limit mg/kg	Analyte	Level Found mg/kg	Method Code
0.5	Arsenic	1.5	EPA SW846-6010
0.1	Cadmium	2.6	EPA SW846-6010
0.5	Chromium	15.5	EPA SW846-6010
0.1	Copper	4.7	EPA SW846-6010
1.2	Lead	16.9	EPA SW846-6010
0.05	Mercury	BDL	EPA SW846-7471A
1.0	Molybdenum	BDL	EPA SW846-6010
0.1	Nickel	8.0	EPA SW846-6010
5.5	Selenium	BDL	EPA SW846-6010
0.1	Zinc	19.9	EPA SW846-6010

BDL - INDICATES THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.

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 Laboratory Director

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Report No: 05-181-105

Account No: 5016

Send to: CON AGRA-OAKDALE  
554 S. YOSEMITE  
OAKDALE, CA 95361

Project ID: MUD WATER

Submitted by: Pat Dunn

Date Received: 06/30/2005  
Date Reported: 07/22/2005

Sample ID: 63-28-26

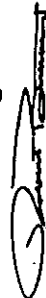
Lab Number: 54056

## 503 METALS ANALYSIS REPORT

Detection Limit mg/kg	Analyte	Level Found mg/kg	Method Code
0.5	Arsenic	2.1	EPA SW846-6010
0.1	Cadmium	2.5	EPA SW846-6010
0.5	Chromium	13.3	EPA SW846-6010
0.1	Copper	7.0	EPA SW846-6010
1.2	Lead	15.7	EPA SW846-6010
0.05	Mercury	BDL	EPA SW846-7471A
1.0	Molybdenum	BDL	EPA SW846-6010
0.1	Nickel	2.2	EPA SW846-6010
5.5	Selenium	BDL	EPA SW846-6010
0.1	Zinc	26.0	EPA SW846-6010

BDL - INDICATES THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.

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Laboratory Director

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Report No: 05-181-105

Account No: 5016

Send to: CON AGRA-OAKDALE  
554 S. YOSEMITE  
OAKDALE, CA 95361

Project ID: MUD WATER

Submitted by: Pat Dunn

Date Received: 06/30/2005  
Date Reported: 07/22/2005

Sample ID: 63-28-11

Lab Number: 54055

## 503 METALS ANALYSIS REPORT

Detection Limit mg/kg	Analyte	Level Found mg/kg	Method Code
0.5	Arsenic	1.9	EPA SW846-6010
0.1	Cadmium	2.4	EPA SW846-6010
0.5	Chromium	12.6	EPA SW846-6010
0.1	Copper	5.7	EPA SW846-6010
1.2	Lead	15.4	EPA SW846-6010
0.05	Mercury	BDL	EPA SW846-7471A
1.0	Molybdenum	BDL	EPA SW846-6010
0.1	Nickel	3.1	EPA SW846-6010
5.5	Selenium	BDL	EPA SW846-6010
0.1	Zinc	22.6	EPA SW846-6010

BDL - INDICATES THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.

A & L Western Agricultural Laboratories



Robert Butterfield  
Laboratory Director

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This is Not A Purchase Order

**Billing Address**  
 ConAgra Foods  
 554 S. Yosemite Ave.  
 Oakland, Ca 95361

**Vendor Information:**  
 Name: A & L Western Agricultural Labs Inc.  
 Address: 1311 Woodland Ave #2  
 City: Modesto State: CA  
 Zip Code: 95351

**ConAgra Foods**  
 554 S. Yosemite Ave.  
 Oakland, Ca 95361

**Deliver To**  
 ConAgra Foods  
 554 S. Yosemite Ave.  
 Oakland, Ca 95361

**PURCHASING USE ONLY -**  
 MP2 Purchase Order Number: P-537

**Contact Name**  
 Suggested Source: \_\_\_\_\_ Date Needed: \_\_\_\_\_  
 Phone: 209-529-4080 Fax: 209-529-4736  
 Date Written: 8/15/2005

**Freight Terms**  
 Ppd. & Add. \_\_\_\_\_ FOB Point \_\_\_\_\_  
 Prepaid Collect \_\_\_\_\_

**Date Placed**  
 8/1/2005  
**Promised Delivery**  
 Complete

Item	Ref.	Quantity	UOM	Description	Unit Price	Extended \$	Accounting Data
1				Off-Site Soil Testing in support of MUD Waiver			For Non-Prod Supplies
2		5 ea		Combinations Fertility/Satinity Pkg	46.00	230.00	Op. Unit 03317
3		5 ea		Nitrogen:TKN	20.00	100.00	Account 53601
4		5 ea		Nitrogen:Ammonia	12.00	60.00	Minor 000
5		5 ea		Total Organic Carbon	30.00	150.00	Dept. 1014
6		5 ea		Soil Moisture	8.00	40.00	Resp. 00000
7		5 ea		Total Cation Exchange Capacity	30.00	150.00	Capital Project
8		5 ea		C:N Ratio with soil	10.00	50.00	CIR
9		5 ea		EPA 503 Metals Pkg	150.00	750.00	P Value
10							Job No.
11							
12							
13							

**Requestor**  
 M. Mendez  
 Date: 8/15/2005

**Taxes**  
 Freight  
**TOTAL** \$ 1,530.00

**Please Route to**  
 Aydee Chavez in  
 Purchasing

Supervisor	Manager	Controller	Plant Manager
\$0 - \$2,000 limit	\$2,001 - \$5,000 limit	\$5,001 - \$20,000 limit	\$5,001 - \$20,000 limit

**APPENDIX C**

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**DAILY MUD APPLICATION FORM AND APN MAPS**



**DAILY RINSE MUD AND AERATED POND MUD  
APPLICATION LOG**

Date: \_\_\_\_\_

Type of Mud: \_\_\_\_\_

Hauler: \_\_\_\_\_

Estimated Volume in Cubic Yards: \_\_\_\_\_

Daily pH of Fluid/Mud Mixture Hauled:  
(6.0-8.5 for Aerated Mud, 3.5-12 for Rinse Mud) \_\_\_\_\_

Time of Hauling: \_\_\_\_\_

Storage on Site: Yes or No

Time of Application: \_\_\_\_\_

Method of Application: \_\_\_\_\_

Estimated Volume Applied: \_\_\_\_\_

Location and Surface Area of Application:  
(Include name and address of field) \_\_\_\_\_

Proximity to Surface Water, Creeks, Streams  
and Wetlands \_\_\_\_\_

Chemical Sampling Completed  
(Date and time last collected) \_\_\_\_\_

Day After Application Observations

Ponded Water Yes or No

Nuisance Flies, Insects Yes or No

Corrective Actions Required Yes or No

Explanation if Yes \_\_\_\_\_

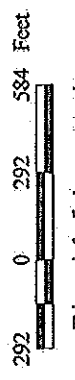
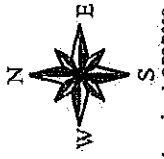
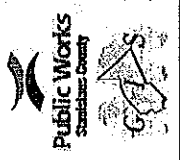
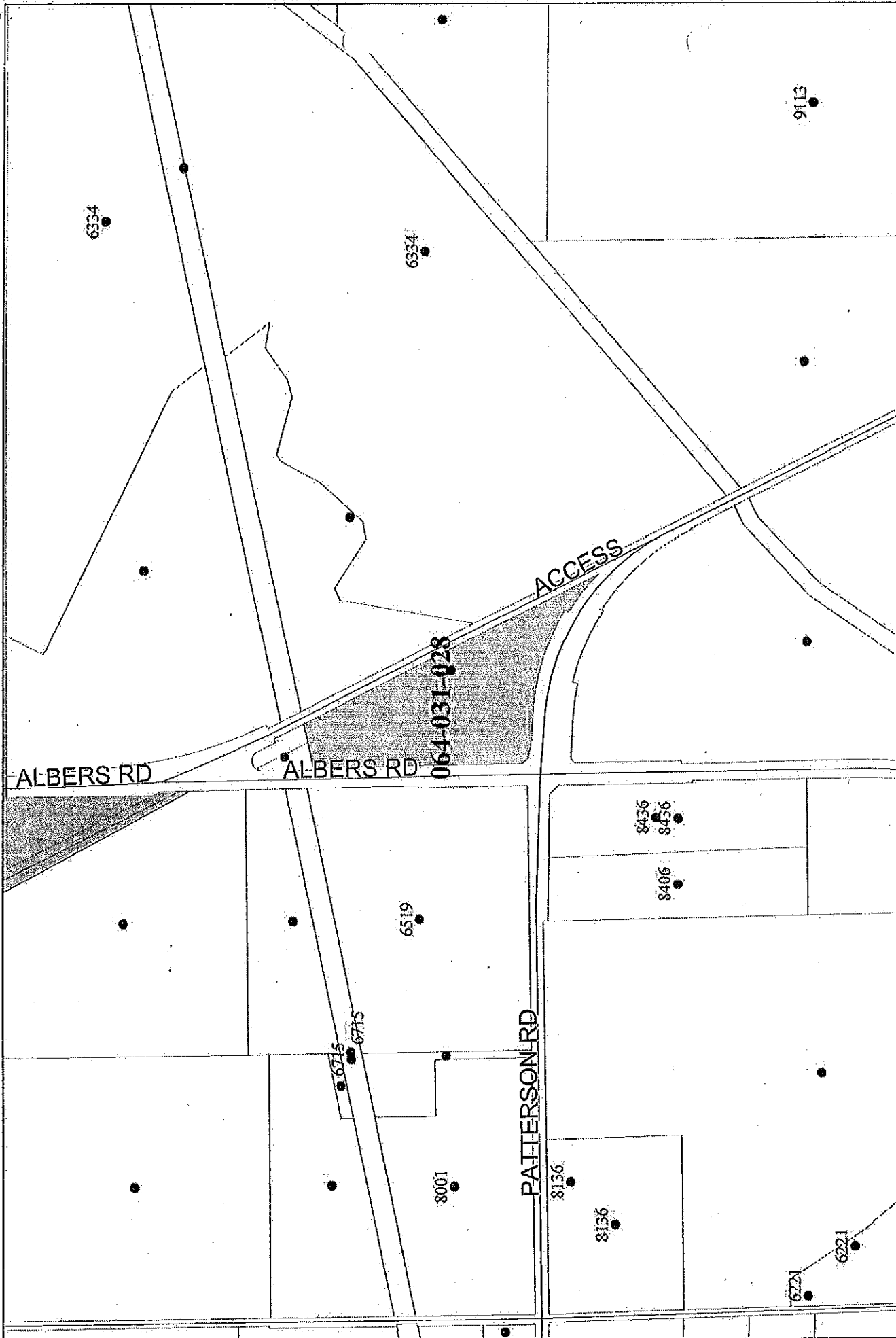
Other Notes: \_\_\_\_\_

Signature: \_\_\_\_\_







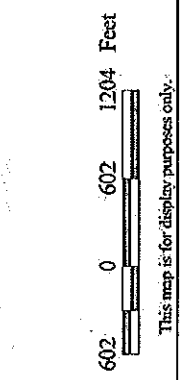
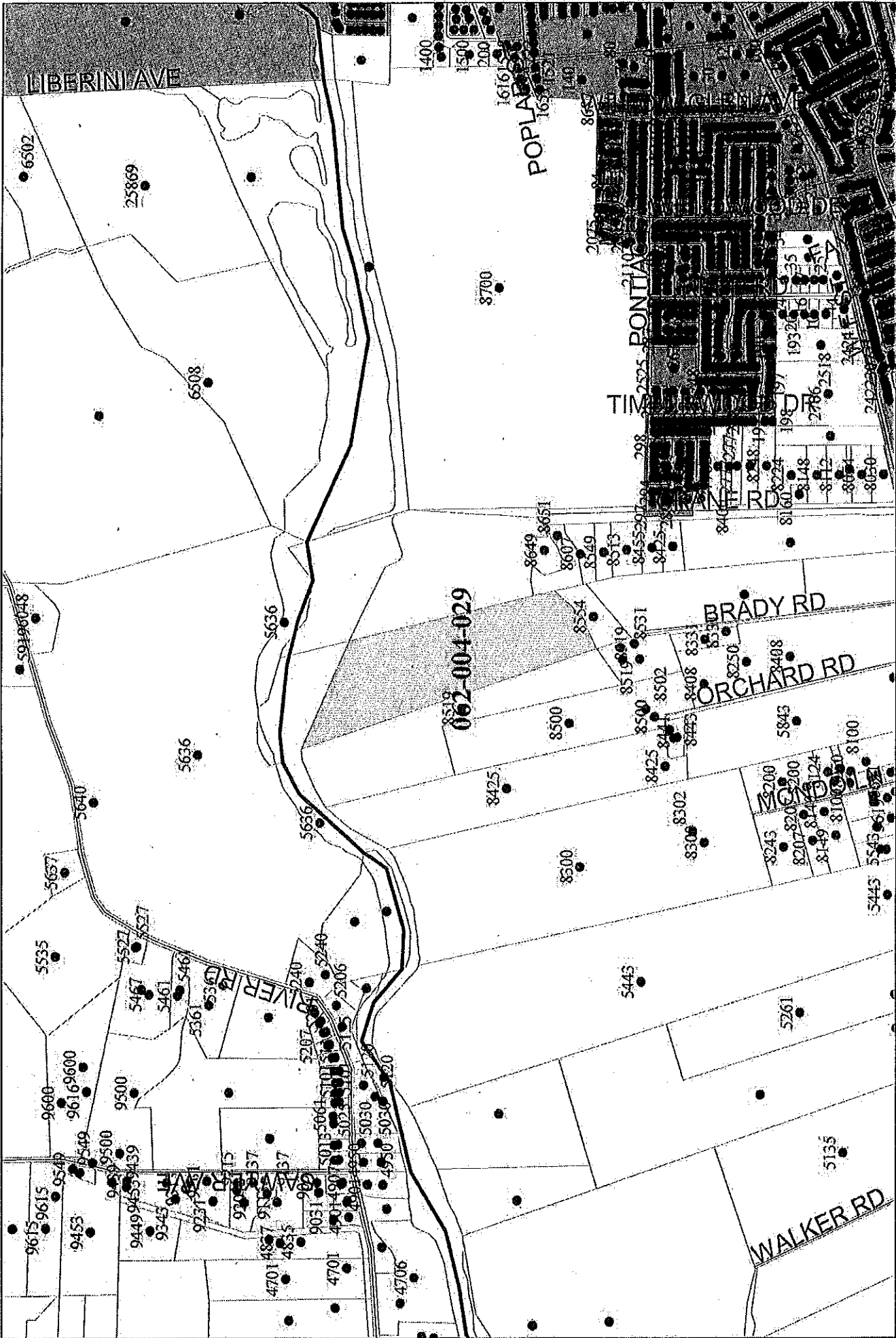


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Assessor Parcel Number: 064-031-02





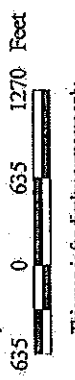
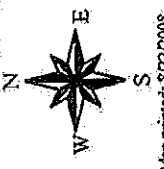
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Assessor Parcel Number: 062-004-02



This map is for display purposes only.





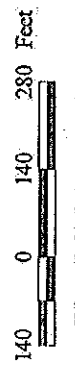
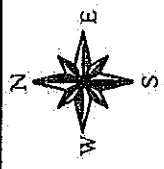
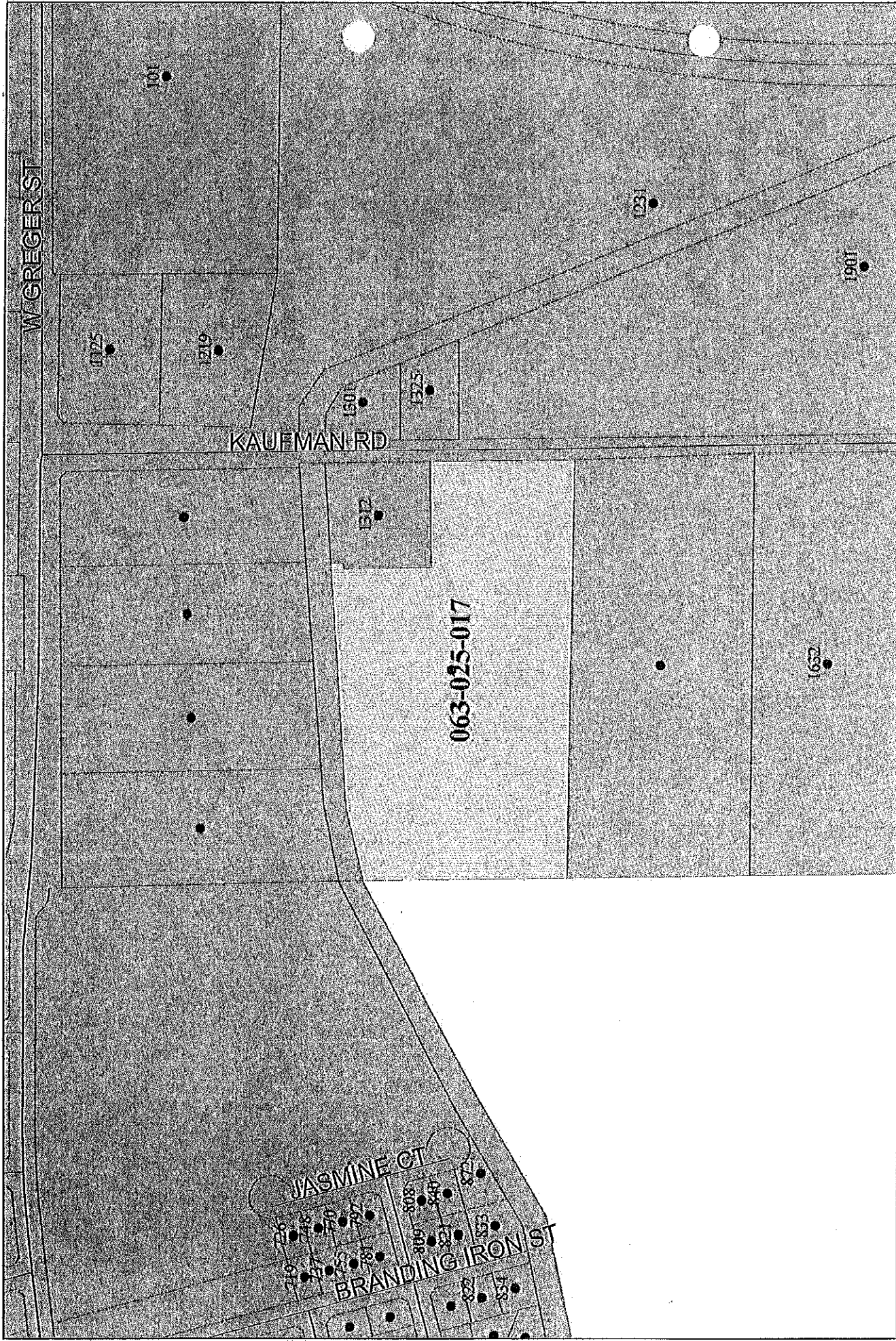
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**Assessor Parcel Number: 063-005-00**



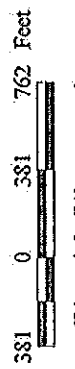
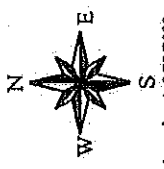
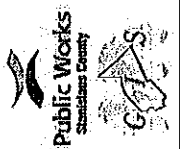
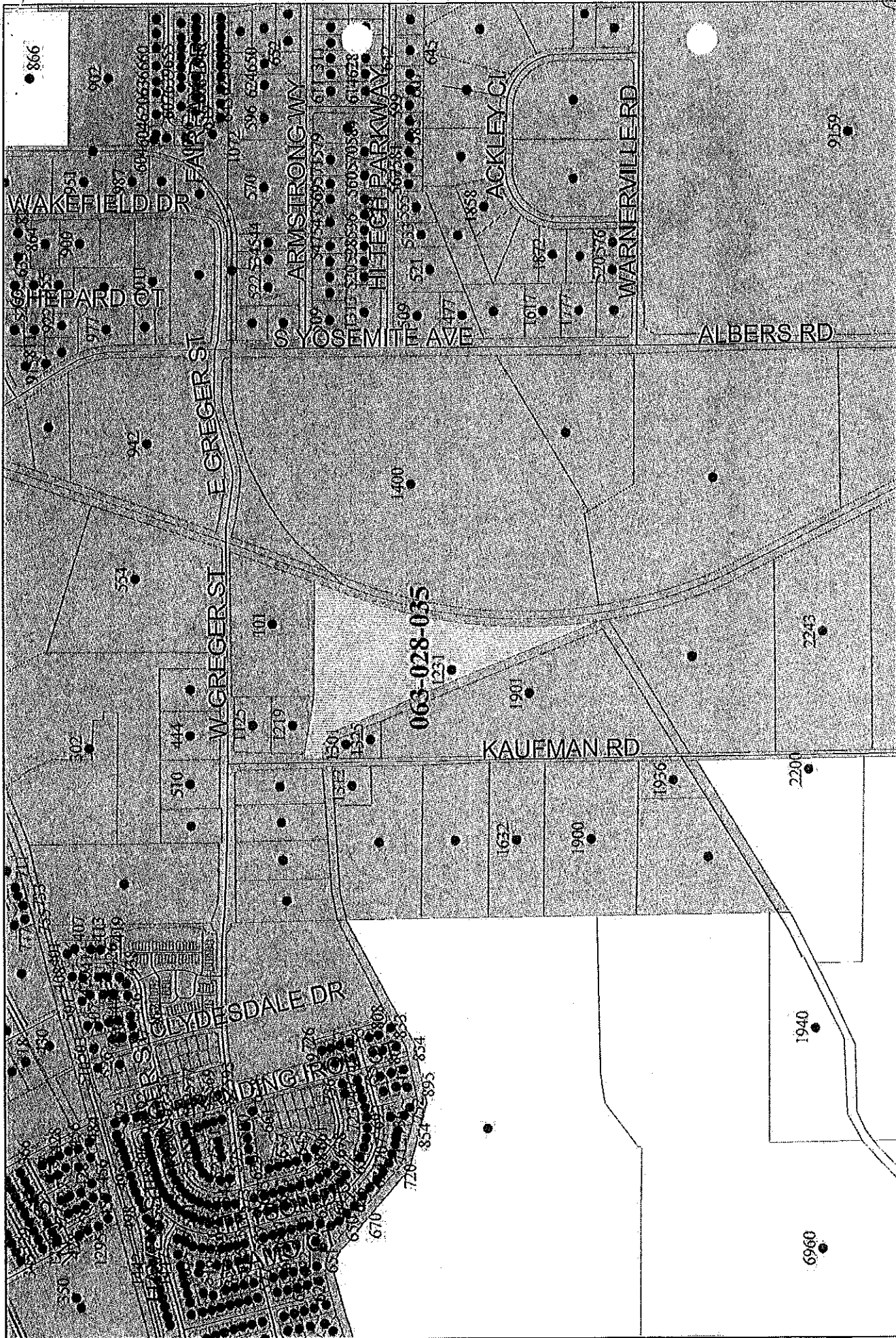




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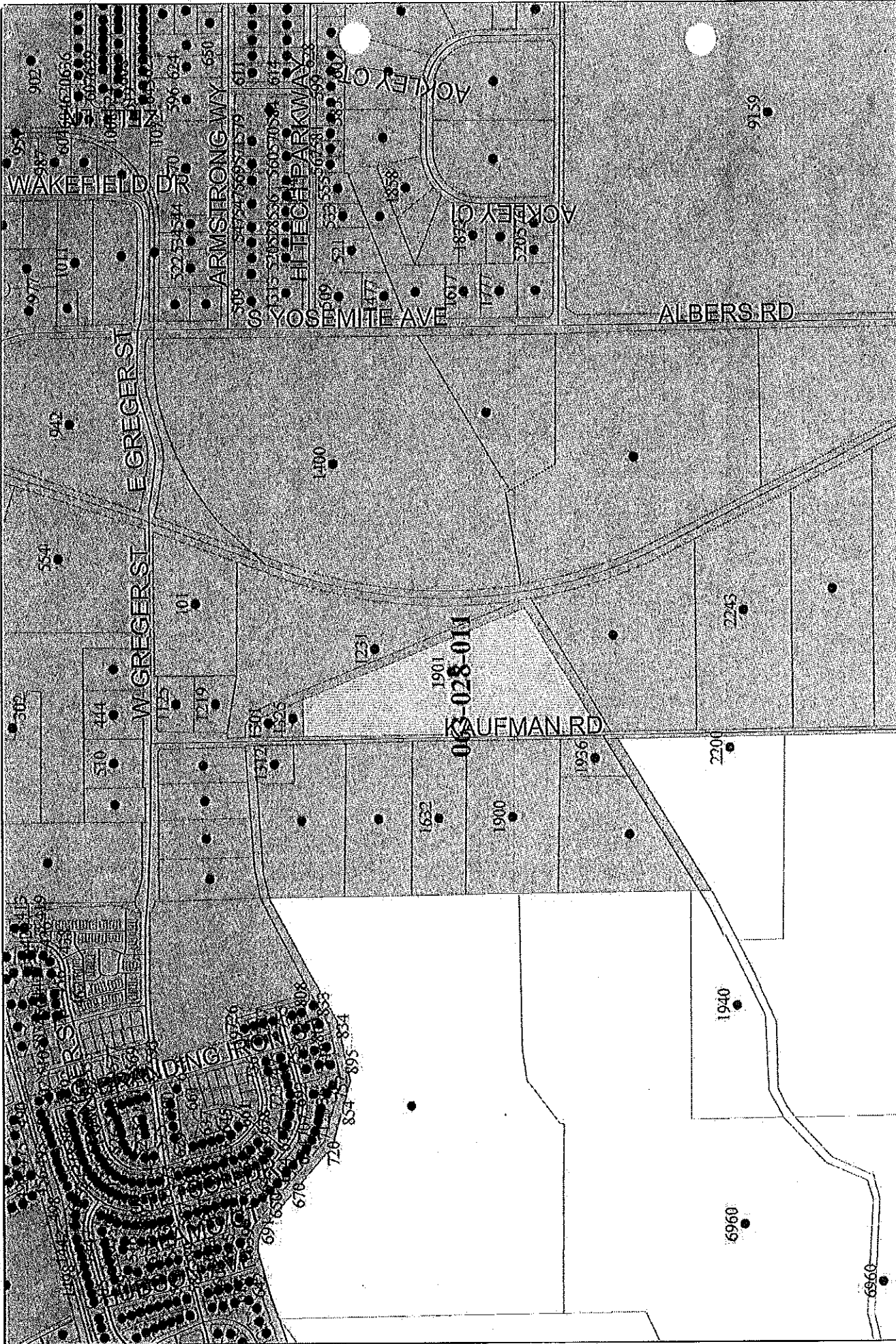


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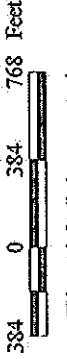
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Assessor Parcel Number: 063-028-01

