NEW MEXICO
ENVIRONMENT DEPARTMENT

Ground Water Quality Bureau

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CERTIFIED MAIL – RETURN RECEIPT REQUESTED

November 14, 2011

Isabel and Ralf Rivas, Owners
Rivas Mobile Home Park
821 Watson Lane
Las Cruces, NM 88005-3642

RE: Draft Discharge Permit, DP-1714, Rivas Mobile Home Park

Dear Ms. Isabel and Mr. Ralf Rivas:

Notice is hereby given pursuant to Subsection H of 20.6.2.3108 NMAC that Ground Water Discharge Permit DP-1714, Rivas Mobile Home Park, has been proposed for approval (copy enclosed). The New Mexico Environment Department (NMED) will publish notice of the availability of the draft Discharge Permit in the near future and will forward a copy of the notice to you.

Prior to making a final ruling on the proposed Discharge Permit, NMED will allow 30 days from the date the public notice is published during which time written comments can be submitted and/or a public hearing requested. Comments and/or hearing requests may be submitted by any interested person, including the Discharge Permit applicant. Written comments and/or hearing requests must be submitted to the Ground Water Quality Bureau at the address above and shall set forth the reasons why a hearing is requested. A hearing will be held only if hearing requests are received from the public and/or the Discharge Permit applicant during the 30-day comment period and NMED determines there is substantial public interest in the proposed Discharge Permit. Hearings are presided over by the NMED Secretary or a hearing officer appointed by the Secretary.

Please review the enclosed draft Discharge Permit carefully for accuracy and completeness, and to make sure you understand what it requires. Please be aware that this Discharge Permit may

contain conditions that require the permittee to implement operational, monitoring or closure actions by a specified deadline.

A copy of the Water Quality Control Commission (WQCC) Regulations, 20.6.2 NMAC, is available at http://www.nmcpr.state.nm.us/nmac/_title20/T20C006.htm.

If you have any comments, questions, or concerns, please contact me at (505) 827-2978. If written comments and/or a written request for hearing are not received during the public comment period, the draft Discharge Permit will become final. The term of the final Discharge Permit shall not exceed five years in accordance with the Water Quality Act and the WQCC Regulations. Thank you for your cooperation during the review process.

Sincerely,

Russell A. Isaac

Russell A. Isaac. Ph.D., P.E.
Environmental Engineer

enc: Draft Discharge Permit, DP-1714
Ground Water Discharge Permit Monitoring Well Construction and Abandonment Conditions, Revision 1.1, March 2011

GROUND WATER DISCHARGE PERMIT
Rivas Mobile Home Park, DP-1714

I. INTRODUCTION

The New Mexico Environment Department (NMED) issues this Discharge Permit, DP-1714, to the Rivas Mobile Home Park (MHP) (permittee) pursuant to the New Mexico Water Quality Act (WQA), NMSA 1978 §§74-6-1 through 74-6-17, and the New Mexico Water Quality Control Commission (WQCC) Regulations, 20.6.2 NMAC.

NMED's purpose in issuing this Discharge Permit, and in imposing the requirements and conditions specified herein, is to control the discharge of water contaminants from the Rivas Mobile Home Park (facility) into ground and surface water, so as to protect ground and surface water for present and potential future use as domestic and agricultural water supply and other uses and protect public health. In issuing this Discharge Permit, NMED has determined that the requirements of Subsection C of 20.6.2.3109 NMAC have been met.

The activities which produce the discharge, the location of the discharge, and the quantity, quality and flow characteristics of the discharge are briefly described as follows:

Up to 2,850 gallons per day (gpd) of domestic wastewater is discharged to four separate concrete septic tanks each with its own leachfield. Septic tank A has a capacity of 1,700 gallons, and serves two homes with a total of four bedrooms; Septic tank B has a capacity of 1,700 gallons and serves four homes with a total of six bedrooms; Septic tank C has a capacity of 1,200 gallons and serves two homes consisting of a total of four bedrooms; and Septic tank D has a capacity of 1,500 gallons and serves three homes with a total of five bedrooms. The discharge contains water contaminants or toxic pollutants which may be elevated above the standards of Section 20.6.2.3103 NMAC. The facility is located at 3889 Calle de Las Margaritas, approximately four miles west of Las Cruces, in Section 31, Township 23S, Range 2E, Doña Ana County. Ground water most likely to be affected is at a depth of approximately 21 feet and has a total dissolved solids concentration of approximately 783 milligrams per liter.

The permittee's application consists of the materials submitted on behalf of Rivas Mobile Home Park by Blanchard Engineering, Inc., dated December 22, 2008 and materials contained in the administrative Record prior to issuance of this Discharge Permit. The discharge shall be managed in accordance with all conditions and requirements of this Discharge Permit.

Pursuant to Section 20.6.2.3109 NMAC, NMED reserves the right to require a Discharge Permit Modification in the event NMED determines that the requirements of 20.6.2 NMAC are being or may be violated or the standards of Section 20.6.2.3103 NMAC are being or may be violated. This may include a determination that structural controls and/or management practices approved under this Discharge Permit are not protective of ground water quality, and that more stringent requirements to protect and/or remediate ground water quality may be required by NMED. These requirements may include: expanding disposal areas; changing waste management practices; expanding monitoring requirements; installing an advanced treatment system; and/or implementing abatement of water pollution.

Issuance of this Discharge Permit does not relieve the permittee of the responsibility to comply with the WQA, WQCC Regulations, and any other applicable federal, state and/or local laws and regulations, such as zoning requirements and nuisance ordinances.

The following abbreviations may be used in this Discharge Permit:

Abbreviation	Explanation		Abbreviation	Explanation
BOD_5	biochemical oxygen demand (5-day)		NTU	nephelometric turbidity units
CFR	Code of Federal Regulations		Org	organisms
Cl	chloride		TDS	total dissolved solids
LADS	land application data sheet(s)		TKN	total Kjeldahl nitrogen
mg/L	milligrams per liter		total nitrogen	TKN+NO_3-N
mL	milliliters		TRC	Total Residual Chlorine
NMAC	New Mexico Administrative Code		TSS	total suspended solids
NMED	New Mexico Environment Department		WQA	New Mexico Water Quality Act
NMSA	New Mexico Statutes Annotated		WQCC	Water Quality Control Commission
NO_3-N	nitrate-nitrogen			

II. FINDINGS

In issuing this Discharge Permit, NMED finds:

1. The permittee is discharging effluent or leachate from the facility so that such effluent or leachate may move directly or indirectly into ground water within the meaning of Section 20.6.2.3104 NMAC.

2. The permittee is discharging effluent or leachate from the facility so that such effluent or leachate may move into ground water of the State of New Mexico which has an existing concentration of 10,000 milligrams per liter or less of total dissolved solids within the meaning of Subsection A of 20.6.2.3101 NMAC.

3. The discharge from the facility is not subject to any of the exemptions of Section 20.6.2.3105 NMAC.

III. CONDITIONS

The following conditions shall be complied with by the permittee and are enforceable by NMED. The permittee is authorized to discharge water contaminants subject to the following conditions:

OPERATIONAL PLAN

#	Terms and Conditions
1.	The permittee shall implement the following operational plan to ensure compliance with Title 20, Chapter 6, Parts 1 and 2 NMAC. [20.6.2.3106.C NMAC, 20.6.2.3107 NMAC]
2.	The permittee shall operate in a manner such that standards and requirements of Sections 20.6.2.3101 and 20.6.2.3103 NMAC are not violated. [20.6.2.3101 NMAC, 20.6.2.3103 NMAC]
3.	The permittee is authorized to discharge up to 2,850 gallons per day (gpd) of domestic wastewater. Wastewater is discharged to four separate concrete septic tanks each with its own leachfield. Septic tank A has a capacity of 1,700 gallons, and serves two homes with a total of four bedrooms; Septic tank B has a capacity of 1,700 gallons and serves four homes with a total of six bedrooms; Septic tank C has a capacity of 1,200 gallons and serves two homes consisting of a total of four bedrooms; and Septic tank D has a capacity of 1,500 gallons and serves three homes with a total of five bedrooms. [20.6.2.3104 NMAC, 20.6.2.3106 NMAC]
4.	Following completion of any additions or changes to the facility which affect the following elements, the permittee shall update and resubmit the scaled map of the entire facility to NMED within 120 days of the additions or changes. The map shall be clear and legible, and drawn to a scale such that all necessary information is plainly shown and identified. The map shall show the scale in feet or metric measure, a graphical scale, a north arrow, and the effective date of the map. Documentation identifying the means used to locate the mapped elements (i.e., GPS, land survey, digital map interpolation, etc.) and the relative accuracy of the data (i.e., +/- XX feet or meters) shall be included with the map. The map shall include the following elements: a) the property boundary; b) all buildings, structures, and trailer spaces; c) location of the supply well; d) location of meters used to measure wastewater discharges; e) location of all sewer lines, septic tanks, distribution boxes, dosing chambers, lift stations, leachfields, and sub-surface irrigation; and f) location of monitoring wells (including permanent designation). Any elements cannot be directly shown, due to its location inside of existing structures, or because it is buried without surface identification, shall be identified on the map in a schematic format and identified as such. [20.6.2.3106 NMAC, 20.6.2.3109 NMAC]
5.	Within 60 days following the effective date of this Discharge Permit (**by DATE**), the permittee shall conduct an inspection and test for water-tight construction on each of the four septic tanks. The inspection and test shall be performed by a person holding a valid inspector certification issued by the National Association of Wastewater Transporters, Inc.; a New Mexico-licensed plumber; or a licensed New Mexico professional engineer.

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	The inspection(s) shall be performed according to the following procedure: a) The contents of the unit(s) shall be pumped and disposed of in accordance with all local, state, and federal regulations, including 40 CFR Part 503. b) The interior of the unit(s) shall be inspected to determine the construction material, interior dimensions and mechanical integrity. Inspection findings shall be recorded. c) The condition of the interior of the unit(s) shall be photographically documented while the unit(s) is empty. Water-tightness testing shall be completed using one of the two following procedures: 1) Hydrostatic testing shall be conducted using the following procedure. a) Plug the inlet and outlet piping of the unit(s). b) Fill the unit(s) with water to the normal operating level. c) Measure the water level. d) Allow the water to stand for 60 minutes without the addition of water. e) Measure the water level at the end of 60 minutes. A unit that does not allow a drop in water level of greater than 0.01 feet in 60 minutes is considered to be water-tight. **- OR -** 2) Vacuum testing shall be conducted using the following procedure. a) Seal all openings to the unit(s). b) Apply a vacuum of 50 millimeters (mm) of mercury to the unit(s). c) Allow the unit(s) to stand for two minutes without the application of additional vacuum. A unit that maintains at least 90% of the vacuum (i.e., greater than 45 mm of mercury) after two minutes is considered to be water-tight. The permittee shall submit a report for each unit inspected/tested to NMED within 30 days of the inspection/test date. The report shall include the date of the inspection/test, the name of the individual that conducted the test, written inspection findings, photographic documentation of the unit's interior and water-tightness test results. In the event that water-tightness testing reveals that a unit is not water-tight, or should inspection reveal damage to the unit(s) that could result in structural failure, the permittee shall notify NMED in the inspection/test report required above. The permittee shall enact the following corrective actions upon notification from NMED: a) Within 90 days following notification from NMED, repair or replace the unit(s). If

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	notified to do so by NMED, the permittee shall submit plans and specifications for the proposed repair or replacement that bear the seal and signature of a licensed New Mexico professional engineer (pursuant to the New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority). The plans and specifications shall be submitted to NMED prior to construction for evaluation of compliance with the requirements of 20.6.2 NMAC. b) Within 30 days following repair or replacement of the unit(s), repeat the water-tightness testing to verify the effectiveness of the repair or replacement, and submit a report to NMED. The report shall include the date of the inspection/test, the name of the individual that performed the inspection/test, written inspection findings, photographic documentation of the unit's interior and water tightness test results. If notified to do so by NMED, the permittee shall also submit record drawings that bear the seal and signature of a licensed New Mexico professional engineer (pursuant to the New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority) that include the final, construction details of the unit(s). [NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]

MONITORING, REPORTING, AND OTHER REQUIREMENTS

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6.	The permittee shall conduct the following monitoring, reporting, and other requirements listed below. [20.6.2.3107 NMAC]
7.	METHODOLOGY - Unless otherwise approved in writing by NMED, the permittee shall conduct sampling and analysis in accordance with the most recent edition of the following documents: a) American Public Health Association, Standard Methods for the Examination of Water and Wastewater (18^{th}, 19^{th} or current) b) U.S. Environmental Protection Agency, Methods for Chemical Analysis of Water and Waste c) U.S. Geological Survey, Techniques for Water Resources Investigations of the U.S. Geological Survey d) American Society for Testing and Materials, Annual Book of ASTM Standards, Part 31.Water e) Federal Register, latest methods published for monitoring pursuant to Resources Conservation Recovery Act regulations f) U.S. Geological Survey, et al., National Handbook of Recommended Methods for Water Data Acquisition g) Methods of Soil Analysis: Part 1. Physical and Mineralogical Methods, Part 2. Microbiological and Biochemical Properties, and Part 3. Chemical Methods. American Society of Agronomy. [20.6.2.3107.B NMAC]

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8.	The permittee shall submit semi-annual monitoring reports to NMED by the 1st of February and August each year. Semi-annual monitoring shall be performed during the following periods and submitted as follows: • January 1st through June 30th (first half) – **report due by August 1st** • July 1st through December 31st (second half) – **report due by February 1st** Monitoring requirements detailed in this Discharge Permit are summarized on the sheet titled *Cover Page for Discharge Permit Monitoring Reports*. The permittee shall complete and attach a copy of the enclosed *Cover Page for Discharge Permit Monitoring Reports* to each monitoring report submitted. NMED recommends that the permittee use the monitoring report form provided to compile and submit the monitoring data. The permittee shall provide copies of all laboratory reports with the monitoring reports. [20.6.2.3107 NMAC]
9.	The permittee shall estimate the volume of wastewater discharged monthly to the septic tank/leachfield system(s) by recording the monthly meter readings for the facility's water supply and calculating the monthly water usage. The permittee shall make note of any significant uses of the water during each month, such as irrigation or evaporative cooling, that do not contribute to the wastewater system. The monthly meter readings, calculated water usage, notes and estimated volume of wastewater discharged shall be submitted to NMED in the semi-annual monitoring reports. The water supply meter shall be kept operational at all times. [20.6.2.3107.A(1) NMAC, 20.6.2.3109.H(1) NMAC]
10.	Once prior to the expiration date of this Discharge Permit, NMED shall have the option to perform downhole inspections of all monitoring wells identified in this Discharge Permit. NMED shall establish the inspection date and provide at least 60 days notice to the permittee by certified mail. The permittee shall have any existing dedicated pumps removed at least 48 hours prior to NMED inspection to allow adequate settling time of sediment agitated from pump removal. Should a facility not have existing dedicated pumps, but decide to install pumps in any of the monitoring wells, NMED shall be notified at least 90 days prior to pump installation so that a downhole well inspection(s) can be scheduled prior to pump placement. [20.6.2.3107 NMAC]
11.	Within 90 days of the effective date of this Discharge Permit (by **[date]**), the permittee shall install the following one new monitoring well: • One monitoring well (MW #1) located 20 to 50 feet hydrologically downgradient of the leachfield associated with septic tank A as identified in the drawing by Blanchard Engineering, Inc. received by NMED on March 16, 2009. All monitoring well locations shall be approved by NMED prior to installation. The wells shall be completed in accordance with the attachment titled *Ground Water Discharge Permit Monitoring Well Construction and Abandonment Conditions*, Revision 1.1, March

#	**Terms and Conditions**
	2011. Construction and lithologic logs shall be submitted to NMED within 30 days of well completion. [20.6.2.3107 NMAC]
12.	Following installation of the new monitoring well required by this Discharge Permit, the permittee shall sample ground water in the new well(s) and analyze the samples for NO_3-N, TKN, Cl, and TDS. The permittee shall sample the following well: • MW #1, intended to be located 20 to 50 feet hydrologically downgradient of the leachfield associated with septic tank A as identified in the drawing by Blanchard Engineering, Inc. received by NMED on March 16, 2009. Ground water sample collection, preservation, transport and analysis shall be performed according to the following procedure: a) Measure the depth-to-ground water from the top of well casing to the nearest hundredth of a foot. b) Purge three well volumes of water from the well prior to sample collection. c) Obtain samples from the well for analysis. d) Properly prepare, preserve and transport samples. e) Analyze samples in accordance with the methods authorized in this Discharge Permit. Depth-to-water measurements, analytical results, including the laboratory QA/QC summary report, and a facility layout map showing the location and number of each well shall be submitted to NMED within 45 days of the installation of the monitoring wells. [20.6.2.3107 NMAC]
13.	The permittee shall perform semi-annual ground water sampling in one monitoring well and analyze the samples for NO_3-N, TKN, Cl, and TDS. The permittee shall sample the following well: • MW #1, intended to be located 20 to 50 feet hydrologically downgradient of the leachfield associated with septic tank A as identified in the drawing by Blanchard Engineering, Inc. received by NMED on March 16, 2009. Ground water sample collection, preservation, transport and analysis shall be performed according to the following procedure: a) Measure the depth-to-ground water from the top of well casing to the nearest hundredth of a foot. b) Purge three well volumes of water from the well prior to sample collection. c) Obtain samples from the well for analysis. d) Properly prepare, preserve and transport samples. e) Analyze samples in accordance with the methods authorized in this Discharge Permit. Depth-to-water measurements, analytical results, including laboratory QA/QC summary report, and a facility layout map showing the location and number of each well shall be

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	submitted to NMED in the semi-annual monitoring reports. [20.6.2.3107 NMAC]
14.	The permittee shall sample wastewater from one septic tank in each septic tank/leachfield system on an annual basis for TKN, TDS and Cl. The wastewater samples shall be collected from the septic tanks on a rotating basis so that each of the septic tanks in the old system is sampled once every four years. Analytical results shall be submitted to NMED in the monitoring report due by February 1 of each year. [20.6.2.3107 NMAC]
15.	The permittee shall inspect the septic tanks semi-annually for the accumulation of scum and solids. In the event that the scum layer exceeds three inches or the settled solids occupy 50% of the tank or more, the contents of the tanks shall be pumped by a licensed hauler. The inspection records and pumping invoices shall be submitted to NMED in the semi-annual monitoring reports. [20.6.2.3107 NMAC]
16.	The permittee shall visually inspect the area above the leachfields semi-annually to ensure proper maintenance. Any conditions that indicate damage to the leachfield shall be corrected. Such conditions include, but are not limited to erosion damage, animal activity/damage, woody shrubs, or evidence of seepage. The inspection records shall be submitted to NMED in the semi-annual monitoring reports. [20.6.2.3107 NMAC]

CONTINGENCY PLAN

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17.	In the event that ground water monitoring indicates that one or more of the ground water standards of Section 20.6.2.3103 NMAC are violated during the term of this Discharge Permit, upon closure of the facility or during post-closure monitoring, the permittee shall perform the following actions: a) Collect a second sample from the monitoring well within 30 days of the initial sample analysis date to verify the initial results. b) Submit the analytical results for both the initial and second ground water samples to NMED within 30 days of the analysis date of the second ground water sample. In the event that analytical results of the second ground water sample verify the exceedance of one or more of the ground water standards of Section 20.6.2.3103 NMAC, within 60 days of the second sample analysis date the permittee shall submit a corrective action plan to NMED and implement the plan upon NMED approval. The corrective action plan shall propose measures to mitigate damage from the discharge including, at a minimum, source control measures and an implementation schedule. The permittee may be required to abate water pollution pursuant to Sections 20.6.2.4000 though 20.6.2.4115 NMAC, if the corrective action plan will not result in compliance with the standards and requirements set forth in Section 20.6.2.4103 NMAC within 180 days of confirmed ground water contamination. [20.6.2.1203 NMAC, 20.6.2.4105.A(8) NMAC]
18.	In the event of a spill or release that is not authorized under this Discharge Permit, the

#	**Terms and Conditions**
	permittee shall initiate the notifications and corrective actions as required in Section 20.6.2.1203 NMAC. The permittee shall take immediate corrective action to contain and remove or mitigate the damage caused by the discharge. Within 24 hours after discovery of the discharge, the permittee shall verbally notify NMED and provide the information required by Paragraph (1) of Subsection A of 20.6.2.1203 NMAC. Within seven days of discovering the discharge, the permittee shall submit a written report to NMED verifying the oral notification and providing any additional information or changes. The permittee shall submit a corrective action report within 15 days after discovery of the discharge. [20.6.2.1203 NMAC]
19.	In the event NMED or the permittee identifies any other failures of the Discharge Permit or system not specifically noted herein, NMED may require the permittee to develop for NMED approval contingency plans and schedules to cope with the failures. [20.6.2.3107.A(10) NMAC]
20.	In the event that information available to NMED indicates that a well is not appropriately constructed to effectively monitor ground water quality, contains insufficient water to allow the collection of representative ground water samples, or is not completed in a manner that is protective of ground water quality, the permittee shall install a replacement well(s) within 90 days of notification from NMED. Replacement well location(s) shall be approved by NMED prior to installation and completed in accordance with the attachment titled *Ground Water Discharge Permit Monitoring Well Construction and Abandonment Conditions*, Revision 1.1, March 2011. Construction and lithologic logs shall be submitted to NMED within 30 days of well completion. Upon completion of the replacement monitoring well(s), the monitoring well(s) requiring replacement shall be properly plugged and abandoned. The well(s) shall be plugged and abandoned in accordance with the abandonment details in the attachment titled *Ground Water Discharge Permit Monitoring Well Construction and Abandonment Conditions*, Revision 1.1, March 2011, and any applicable local, state, and federal regulations. Documentation describing the plugging and abandonment procedures, including photographic documentation, shall be submitted to NMED within 30 days of completed well abandonment. [20.6.2.3107 NMAC]
21.	In the event that an inspection of any leachfield reveals failure, the permittee shall enact the following contingency plan: a) Within 24 hours of the discovered failure, the permittee shall: • restrict public access to the area; • take immediate actions to stop/reduce the system failure or impacts from it; • disinfect contaminated soil and other materials; and • notify NMED of the failure including information on which system failed, the size/volume of the discharge resulting from the failure, and the immediate actions taken. b) The permittee shall conduct a physical inspection of the treatment and disposal system(s) to identify additional failures.

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	c) Within one week of the discovered failure, the permittee shall submit written notification to NMED of the information obtained for items a) and b) above in addition to the following: • the names, addresses, and phone numbers of the person in charge of the facility and the owner/operator; • the name and address of the facility; • the date, time, specific location, and duration of the discharge; • the source and the cause of the discharge; • the estimated volume of the discharge; and • all actions taken to mitigate the immediate damage from the discharge since the failure began. d) The permittee shall submit a corrective action plan for NMED approval to address the failure and propose methods of correction. The corrective action plan shall be submitted within 15 days of the discovered failure and shall be implemented immediately upon NMED approval. [20.6.2.1203 NMAC, 20.6.2.3107 NMAC, 20.6.2.3109 NMAC]

GENERAL TERMS AND CONDITIONS

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22.	RECORD KEEPING - The permittee shall maintain a written record of the following information: a) Information and data used to complete the application for this Discharge Permit. b) Records of any releases (commonly known as "spills") not authorized under this Discharge Permit and reports submitted pursuant to 20.6.2.1203 NMAC. c) Records of the operation, maintenance, and repair of all facilities/equipment used to treat, store or dispose of wastewater. d) Facility record drawings (plans and specifications) showing the actual construction of the facility and bear the seal and signature of a licensed New Mexico professional engineer. e) Copies of monitoring reports completed and/or submitted to NMED pursuant to this Discharge Permit. f) The volume of wastewater or other wastes discharged pursuant to this Discharge Permit. g) Ground water quality and wastewater quality data collected pursuant to this Discharge Permit. h) Copies of construction records (well log) for all ground water monitoring wells required to be sampled pursuant to this Discharge Permit. i) Records of the maintenance, repair, replacement or calibration of any monitoring equipment or flow measurement devices required by this Discharge Permit. j) Data and information related to field measurements, sampling, and analysis conducted pursuant to this Discharge Permit. The following information shall be recorded and

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	shall be made available to NMED upon request: i) The dates, location and times of sampling or field measurements; ii) The name and job title of the individuals who performed each sample collection or field measurement; iii) The sample analysis date of each sample; iv) The name and address of the laboratory, and the name of the signatory authority for the laboratory analysis; v) The analytical technique or method used to analyze each sample or collect each field measurement; vi) The results of each analysis or field measurement, including raw data; vii) The results of any split, spiked, duplicate or repeat sample; and viii) A copy of the laboratory analysis chain-of-custody as well as a description of the quality assurance and quality control procedures used. The written record shall be maintained by the permittee at a location accessible during a facility inspection by NMED for a period of at least five years from the date of application, report, collection or measurement and shall be made available to the department upon request. [NMSA 1978, § 74-6-5.D, 20.6.2.3109.B NMAC, 20.6.2.3107.A NMAC]
23.	INSPECTION and ENTRY – The permittee shall allow inspection by NMED of the facility and its operations which are subject to this Discharge Permit and the WQCC regulations. NMED may upon presentation of proper credentials, enter at reasonable times upon or through any premises in which a water contaminant source is located or in which are located any records required to be maintained by regulations of the federal government or the WQCC. The permittee shall allow NMED to have access to and reproduce for their use any copy of the records, and to perform assessments, sampling or monitoring during an inspection for the purpose of evaluating compliance with this Discharge Permit and the WQCC regulations. Nothing in this Discharge Permit shall be construed as limiting in any way the inspection and entry authority of NMED under the WQA, the WQCC Regulations, or any other local, state or federal regulations. [20.6.2.3107.D NMAC, NMSA 1978, §§ 74-6-9.B and 74-6-9.E]
24.	DUTY to PROVIDE INFORMATION - The permittee shall, upon NMED's request, allow NMED's inspection/duplication of records required by this Discharge Permit and/or furnish to NMED copies of such records. [NMSA 1978, § 74-6-5.D, 20.6.2.3109.B NMAC, 20.6.2.3107.D NMAC, NMSA 1978, §§

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	74-6-9.B and 74-6-9.E]
25.	MODIFICATIONS and/or AMENDMENTS – In the event the permittee proposes a change to the facility or the facility's discharge that would result in a change in the volume discharged; the location of the discharge; or in the amount or character of water contaminants received, treated or discharged by the facility, the permittee shall notify NMED prior to implementing such changes. The permittee shall obtain approval (which may require modification of this Discharge Permit) by NMED prior to implementing such changes. [NMSA 1978, § 74-6-5.D, 20.6.2.3109.E NMAC, 20.6.2.3107.C NMAC]
26.	PLANS and SPECIFICATIONS – In the event the permittee is proposing to construct a wastewater system or change a process unit of an existing system such that the quantity or quality of the discharge will change substantially from that authorized by this Discharge Permit, the permittee shall submit construction plans and specifications to NMED for the proposed system or process unit prior to the commencement of construction. In the event the permittee implements changes to the wastewater system authorized by this Discharge Permit which result in only a minor effect on the character of the discharge, the permittee shall report such changes (including the submission of record drawings, where applicable) as of January 1 and June 30 of each year to NMED. [NMSA 1978, § 74-6-5.D, 20.6.2.3109.B NMAC, 20.6.2.1202 NMAC]
27.	CIVIL PENALTIES - Any violation of the requirements and conditions of this Discharge Permit, including any failure to allow NMED staff to enter and inspect records or facilities, or any refusal or failure to provide NMED with records or information, may subject the permittee to a civil enforcement action. Pursuant to WQA 74-6-10(A) and (B), such action may include a compliance order requiring compliance immediately or in a specified time, assessing a civil penalty, modifying or terminating the Discharge Permit, or any combination of the foregoing; or an action in district court seeking injunctive relief, civil penalties, or both. Pursuant to WQA 74-6-10(C) and 74-6-10.1, civil penalties of up to $15,000 per day of noncompliance may be assessed for each violation of the WQA 74-6-5, the WQCC Regulations, or this Discharge Permit, and civil penalties of up to $10,000 per day of noncompliance may be assessed for each violation of any other provision of the WQA, or any regulation, standard, or order adopted pursuant to such other provision. In any action to enforce this Discharge Permit, the permittee waives any objection to the admissibility as evidence of any data generated pursuant to this Discharge Permit. [NMSA 1978, §§ 74-6-10 and 74-6-10.1,]
28.	CRIMINAL PENALTIES – No person shall: 1) make any false material statement, representation, certification or omission of material fact in an application, record, report, plan or other document filed, submitted or

#	**Terms and Conditions**
	required to be maintained under the WQA; 2) falsify, tamper with or render inaccurate any monitoring device, method or record required to be maintained under the WQA; or 3) fail to monitor, sample or report as required by a permit issued pursuant to a state or federal law or regulation. Any person who knowingly violates or knowingly causes or allows another person to violate the requirements of this condition is guilty of a fourth degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who is convicted of a second or subsequent violation of the requirements of this condition is guilty of a third degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition or knowingly causes another person to violate the requirements of this condition and thereby causes a substantial adverse environmental impact is guilty of a third degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition and knows at the time of the violation that he is creating a substantial danger of death or serious bodily injury to any other person is guilty of a second degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. [NMSA 1978, §§ 74-6-10.2.A through 74-6-10.2.F]
29.	COMPLIANCE with OTHER LAWS - Nothing in this Discharge Permit shall be construed in any way as relieving the permittee of the obligation to comply with all applicable federal, state, and local laws, regulations, permits or orders. [20.6.2 NMAC]
30.	RIGHT to APPEAL - The permittee may file a petition for review before the WQCC on this Discharge Permit. Such petition shall be in writing to the WQCC within thirty days of the receipt of postal notice of this Discharge Permit and shall include a statement of the issues to be raised and the relief sought. Unless a timely petition for review is made, the decision of NMED shall be final and not subject to judicial review. [NMSA 1978, § 74-6-5.O]
31.	TRANSFER of DISCHARGE PERMIT - Prior to the transfer of any ownership, control, or possession of this facility or any portion thereof, the permittee shall: 1) notify the proposed transferee in writing of the existence of this Discharge Permit; 2) include a copy of this Discharge Permit with the notice; and 3) deliver or send by certified mail to NMED a copy of the notification and proof that such notification has been received by the proposed transferee. Until both ownership and possession of the facility have been transferred to the transferee, the permittee shall continue to be responsible for any discharge from the facility.

#	**Terms and Conditions**
	[20.6.2.3111 NMAC]
32.	PERMIT FEES - Payment of permit fees is due at the time of Discharge Permit approval. Permit fees shall be paid in a single payment or shall be paid in equal installments on a yearly basis over the term of the Discharge Permit. Single payments shall be remitted to NMED no later than 30 days after the Discharge Permit effective date. Initial installment payments shall be remitted to NMED no later than 30 days after the Discharge Permit effective date; subsequent installment payments shall be remitted to NMED no later than the anniversary of the Discharge Permit effective date. Permit fees are associated with issuance of this Discharge Permit. Nothing in this Discharge Permit shall be construed as relieving the permittee of the obligation to pay all permit fees assessed by NMED. A permittee that ceases discharging or does not commence discharging from the facility during the term of the Discharge Permit shall pay all permit fees assessed by NMED. An approved Discharge Permit shall be suspended or terminated if the facility fails to remit an installment payment by its due date. [20.6.2.3114.F NMAC, NMSA 1978, § 74-6-5.K]

PERMIT TERM & SIGNATURE

EFFECTIVE DATE: [effective date]
TERM ENDS: [date term ends]

[20.6.2.3109.F NMAC, NMSA 1978, § 74-6-5.I]

_____

JERRY SCHOEPPNER
Acting Chief, Ground Water Quality Bureau
New Mexico Environment Department

New Mexico Environment Department Ground Water Quality Bureau
Discharge Permit Summary

Facility Information

Facility Name Rivas Mobile Home Park
Discharge Permit Number DP-1714

Legally Responsible Party
Isabel and Ralf Rivas, Owners
Rivas Mobile Home Park
821 Watson Lane
Las Cruces, NM 88005-3642
(575) 575-6750

Treatment, Disposal and Site Information

Primary Waste Type Domestic
Facility Type Mobile Home Park

Treatment Methods

Type	Designation	Description & Comments
Septic System	Septic Tank A	Septic tank A has a capacity of 1,700 gallons, and serves two homes with a total of four bedrooms.
Septic System	Septic Tank B	Septic tank B has a capacity of 1,700 gallons and serves four homes with a total of six bedrooms
Septic System	Septic Tank C	Septic tank C has a capacity of 1,200 gallons and serves two homes with a total of four bedrooms.
Septic System	Septic Tank D	Septic tank D has a capacity of 1,500 gallons and serves three homes with a total of five bedrooms.

Discharge Locations

Type	Designation	Description & Comments
Leach field	Septic Tank A	720 sq ft estimated
Leach field	Septic Tank B	675 sq ft estimated
Leach field	Septic Tank C	378 sq ft estimated
Leach field	Septic Tank D	720 sq ft estimated

Flow Metering Locations

Type	Designation	Description & Comments
Totalizing Flow Meter	Supply meter	Private supply well located on property.

Ground Water Monitoring Locations

Type	Designation	Description & Comments
Monitoring Well	MW #1	Required to be installed 20 to 50 feet hydrologically downgradient of the leachfield for septic tank A.

Depth-to-Ground Water	21 feet
Total Dissolved Solids (TDS)	783 mg/L

Permit Information

Application Received	December 22, 2008
Public Notice Published	[not yet published]
Discharge Permit Issued	[effective date]
Discharge Permit Term Ends	[term end date]
Permitted Discharge Volume	2,850 gallons per day

NMED Contact Information

Mailing Address	Ground Water Quality Bureau P.O. Box 5469 Santa Fe, New Mexico 87502-5469
GWQB Telephone Number	(505) 827-2900
NMED Lead Staff	Russell A. Isaac
Lead Staff Telephone Number	(505) 827-2978
Lead Staff Email	Russell.Isaac@state.nm.us

New Mexico Environment Department Ground Water Quality Bureau
Discharge Permit
Summary of Required Actions, Monitoring and Reporting

Rivas Mobile Home Park, DP-1714
Effective Date: DATE, 2011

REQUIRED ACTIONS

MONITORING AND REPORTING REQUIREMENTS

Submit semi-annual reports by the 1st of February and August each year containing items specified in the table below.

Semi-annual monitoring shall be performed during the following periods and submitted as follows:

- January 1st through June 30th (first half) – **report due by August 1st**
- July 1st through December 31st (second half) – **report due by February 1st**

#	Description of Monitoring and Reporting Requirements	Monitoring Frequency	Reporting Schedule
1.	Record meter readings and calculate discharge volumes to the septic tank/leachfield system. Submit summary of log entries, meter readings and discharge volumes.	monthly	semi-annually
2.	Analyze ground water samples from the monitoring well (MW #1) for NO_3-N, TKN, TDS and Cl. Measure and record the depth-to-water in the monitoring well. Submit measurements and analytical results.	semi-annually	semi-annually
3.	Analyze wastewater sample from the two septic tanks on alternate years for TKN, NO_3-N, TDS and Cl. Submit analytical results.	annually	February 1st
4.	Inspect septic tanks and pump as needed. Submit inspection and pumping records.	semi-annually	semi-annually
5.	Inspect leachfield area. Submit record of inspection findings and repairs made.	semi-annually	semi-annually

NOTE: See Discharge Permit for full requirement details.

Submit all reports to:

NMED Ground Water Quality Bureau
P.O. Box 5469
Santa Fe, New Mexico 87502-5469

New Mexico Environment Department
Ground Water Quality Bureau - Monitoring Report
Septic Tank/Leachfield Systems

DP #: 1714 Facility Name: Rivas Mobile Home Park

Today's Date: _____ This report is due (circle date): Feb 1 Aug 1 Year: _____

Name and phone number of GWQB Reviewer: Russell A. Isaac, (505) 827-2978

The following page is provided to assist you in reporting your monitoring data. Retain a copy of all monitoring reports for your records. **Keep this original so that copies can be made for future submittals.**

Meter readings Meter units (and multiplying factor): _____
Please fill in the first line with the previous reading for ease of calculation

Date read	Meter reading	Monthly water use (gal)	Volume of water used for irrigation (gal)	Monthly discharge volumes (gal)	Gallons per day

Monitoring well sample: Please compile results on this sheet *and* attach copies of lab reports.

Designation	Date Sampled	Depth to water	TKN (mg/L)	NO_3-N (mg/L)	Cl (mg/L)	TDS (mg/L)

Wastewater sample: Please compile results on this sheet *and* attach copies of lab reports.

Designation of sampling location	Date Sampled	TKN (mg/L)	Cl (mg/L)	TDS (mg/L)
Septic Tank #				
Septic Tank #				

If any analytical results exceed the limits or standards listed below, please highlight them on the table below. Check your discharge permit for re-sampling and corrective action requirements.

Ground Water Standards		
Constituent	Limit	Units
NO_3-N	10	mg/L
Cl	250	mg/L
TDS	1000	mg/L

New Mexico Environment Department
Ground Water Quality Bureau - Monitoring Report
Septic Tank/Leachfield Systems

DP #: 1714 Facility Name: Rivas Mobile Home Park

Today's Date: _____ This report is due (circle date): Feb 1 Aug 1 Year: _____

Name and phone number of GWQB Reviewer: Russell A. Isaac, (505) 827-2978

Grease trap maintenance: Please attach copies of pumping invoices

Septic tank maintenance: Please attach copies of pumping invoices

Designation	Date checked	Scum depth (ft/in)	Water Depth (ft/in)	Solids Depth (ft/in)	Date pumped	Gallons pumped
Septic Tank A						
Septic Tank B						
Septic Tank C						
Septic Tank D						

Leachfield maintenance

Designation	Date checked	Maintenance performed and/or problems fixed
Leach field A		
Leach field B		
Leach field C		
Leach field D		