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NEW MEXICO
ENVIRONMENT DEPARTMENT

Surface Water Quality Bureau

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DAVE MARKLIN
Secretary

BUTCH TONGATE
Acting Deputy Secretary

Certified Mail – Return Receipt Requested

September 28, 2011

The Honorable Judd Nordyke, Mayor
Village of Hatch
P. O. Box 220
Hatch, New Mexico 87937

**Re: Minor-Municipal; SIC 4952; NPDES Compliance Evaluation; Village of Hatch
Wastewater Treatment Plant; NM0020010; August 30, 2011**

Dear Mr. Nordyke:

Enclosed, please find a copy of the report for the referenced inspection that the New Mexico Environment Department (NMED) conducted at your facility on behalf of the U. S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas, for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

The main discussions were found in the area of Operation and Maintenance, Flow Measurement, and Effluent/Receiving Waters Observation. Please refer to the Further Explanations section of the report for more detail.

I wish to thank you for the cooperation extended the NMED personnel while at the Village of Hatch WWTP. If you have any questions about this inspection report, please contact me at (575) 647-7981.

Sincerely:

/s/ STEVEN M. BAUMGARN
Steven M. Baumgarn
Environmental Specialist
Surface Water Quality Bureau

Mr. Judd Nordyke Letter
September 28, 2011
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cc: NMED District III, District Manager
Samuel Tates (6EN-AS) Sent Electronically
Carol Peters-Wagnon (6EN-WM) Sent Electronically
Marcia Adams (6EN-AS) Sent Electronically
Larry Giglio (6WQ-PT) Sent Electronically
Diana McDonald (6EN-WM) Sent Electronically
Sonia Hall and Hannah Branning USEPA (6EN-WC) Sent Electronically



Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspec. Type	Inspector	Fac Type	
1 <input type="text" value="N"/> 2 <input type="text" value="5"/> 3 <input type="text" value="N"/> <input type="text" value="M"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="1"/> <input type="text" value="0"/> 11 12 <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="8"/> <input type="text" value="3"/> <input type="text" value="0"/> 17 18 <input type="text" value="C"/> 19 <input type="text" value="S"/> 20 <input type="text" value="1"/>	Remarks					
<input type="text" value="M"/> <input type="text" value="I"/> <input type="text" value="N"/> <input type="text" value="O"/> <input type="text" value="R"/> <input type="text" value="M"/> <input type="text" value="U"/> <input type="text" value="N"/> <input type="text" value="I"/> <input type="text" value="C"/> <input type="text" value="I"/> <input type="text" value="P"/> <input type="text" value="A"/> <input type="text" value="L"/> <input type="text" value="W"/> <input type="text" value="W"/> <input type="text" value="T"/> <input type="text" value="P"/>						
Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved		
67 <input type="text"/> <input type="text"/> <input type="text"/> 69	70 <input type="text" value="4"/>	71 <input type="text" value="N"/>	72 <input type="text" value="N"/>	73 <input type="text"/>	74 <input type="text"/>	
75 <input type="text"/>						
80 <input type="text"/>						

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) VILLAGE OF HATCH WWTP 1 MILE SOUTH OF EAST SIDE OF HWY 85, SOUTH OF SCHOOLS HATCH, DONA ANA COUTY, NEW MEXICO 87937	Entry Time /Date 0745 HOURS 8/30/11	Permit Effective Date 8/1/09
	Exit Time/Date 1030 HOURS 8/30/11	Permit Expiration Date 7/31/14
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) *JUAN DURAN, SUPERINTENDENT	Other Facility Data LATITUDE 32° 40' 05"	
Name, Address of Responsible Official/Title/Phone and Fax Number THE HONORABLE JUDD NORDYKE, MAYOR P. O. BOX 220 HATCH, NEW MEXICO 87937	Yes <input type="checkbox"/> * <input type="checkbox"/> No <input type="checkbox"/>	LONGITUDE 107° 08' 17" SIC 4952

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	U	Flow Measurement	S	Operations & Maintenance	N	CSO/SSO
S	Records/Reports	S	Self-Monitoring Program	S	Sludge Handling/Disposal	N	Pollution Prevention
S	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
S	Effluent/Receiving Waters	S	Laboratory	N	Storm Water		Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

PLEASE SEE THE FURTHER EXPLANATION SECTION OF THE ATTACHED REPORT

Name(s) and Signature(s) of Inspector(s) /s/ STEVEN M. BAUMGARN	Agency/Office/Telephone/Fax NMED/SWQB 575-647-7981	Date 9/28/2011
Signature of Management QA Reviewer /s/ RICHARD E. POWELL	Agency/Office/Phone and Fax Numbers NMED/SWQB 505-827-2798	Date 9/28/2011

SECTION A - PERMIT VERIFICATION

PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS DETAILS: S M U NA (FURTHER EXPLANATION ATTACHED NO)

- 1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE Y N NA
- 2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES Y N NA
- 3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT Y N NA
- 4. ALL DISCHARGES ARE PERMITTED Y N NA

SECTION B - RECORDKEEPING AND REPORTING EVALUATION

RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT. DETAILS: S M U NA (FURTHER EXPLANATION ATTACHED NO)

- 1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRs. Y N NA
- 2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE. S M U NA
 - a) DATES, TIME(S) AND LOCATION(S) OF SAMPLING Y N NA
 - b) NAME OF INDIVIDUAL PERFORMING SAMPLING Y N NA
 - c) ANALYTICAL METHODS AND TECHNIQUES. Y N NA
 - d) RESULTS OF ANALYSES AND CALIBRATIONS. Y N NA
 - e) DATES AND TIMES OF ANALYSES. Y N NA
 - f) NAME OF PERSON(S) PERFORMING ANALYSES. Y N NA
- 3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE. S M U NA
- 4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR. S M U NA
- 5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA. Y N NA

SECTION C - OPERATIONS AND MAINTENANCE

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED. DETAILS: S M U NA (FURTHER EXPLANATION ATTACHED YES)

- 1. TREATMENT UNITS PROPERLY OPERATED. S M U NA
- 2. TREATMENT UNITS PROPERLY MAINTAINED. S M U NA
- 3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED. S M U NA
- 4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE. S M U NA
- 5. ALL NEEDED TREATMENT UNITS IN SERVICE. S M U NA
- 6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED. S M U NA
- 7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED. S M U NA
- 8. OPERATION AND MAINTENANCE MANUAL AVAILABLE. Y N NA
- STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED. Y N NA
- PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED. Y N NA

SECTION C - OPERATIONS AND MAINTENANCE (CONT'D)

9. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR? Y N NA
 IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED? Y N NA
 HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS? Y N NA
10. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT? Y N NA
 IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT? Y N A

SECTION D - SELF-MONITORING

PERMITTEE SELF-MONITORING MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED NO.)
 DETAILS:

1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT. Y N NA
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES. Y N NA
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT. Y N NA
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT. Y N NA
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT. Y N NA
6. SAMPLE COLLECTION PROCEDURES ADEQUATE Y N NA
- a) SAMPLES REFRIGERATED DURING COMPOSITING. Y N NA
- b) PROPER PRESERVATION TECHNIQUES USED. Y N NA
- c) CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136.3. Y N NA
7. IF MONITORING AND ANALYSES ARE PERFORMED MORE OFTEN THAN REQUIRED BY PERMIT, ARE THE RESULTS REPORTED IN PERMITTEE'S SELF-MONITORING REPORT? Y N NA

SECTION E - FLOW MEASUREMENT

PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED YES.)
 DETAILS:

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED. Y N NA
 TYPE OF DEVICE
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED. Y N NA
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED. Y N NA
4. CALIBRATION FREQUENCY ADEQUATE. (DATE OF LAST CALIBRATION _____)
 RECORDS MAINTAINED OF CALIBRATION PROCEDURES. Y N NA
 CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE. Y N NA
5. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE. Y N NA
6. HEAD MEASURED AT PROPER LOCATION. Y N NA
7. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES. Y N NA

SECTION F - LABORATORY

PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED YES.)
 DETAILS:

1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(b) FOR SLUDGES) Y N NA

SECTION F - LABORATORY (CONT'D)

2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED Y N NA

3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT. S M U NA

4. QUALITY CONTROL PROCEDURES ADEQUATE. S M U NA

5. DUPLICATE SAMPLES ARE ANALYZED. 10 % OF THE TIME. Y N NA

6. SPIKED SAMPLES ARE ANALYZED. % OF THE TIME. Y N NA

7. COMMERCIAL LABORATORY USED. Y N NA

LAB NAME INTERLAB BIOAQUATICS
 LAB ADDRESS LAS CRUCES CARROLTON, TX
 PARAMETERS PERFORMED BIOSOLIDS BIOMONITORING

SECTION G - EFFLUENT/RECEIVING WATERS OBSERVATIONS. S M U NA (FURTHER EXPLANATION ATTACHED YES.)

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL.	COLOR	OTHER
001	NONE	NONE	NONE	NONE	NONE	CLEAR	

RECEIVING WATER OBSERVATIONS

SECTION H - SLUDGE DISPOSAL

SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED NO.)
 DETAILS:

1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY. S M U NA

2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503. S M U NA

3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: _____ (e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE) LANDFILL

SECTION I - SAMPLING INSPECTION PROCEDURES (FURTHER EXPLANATION ATTACHED NA.)

1. SAMPLES OBTAINED THIS INSPECTION. Y N NA

2. TYPE OF SAMPLE OBTAINED
 GRAB _____ COMPOSITE SAMPLE _____ METHOD _____ FREQUENCY _____

3. SAMPLES PRESERVED. Y N NA

4. FLOW PROPORTIONED SAMPLES OBTAINED. Y N NA

5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE. Y N NA

6. SAMPLE REPRESENTATIVE OF VOLUME AND MATURE OF DISCHARGE. Y N NA

7. SAMPLE SPLIT WITH PERMITTEE. Y N NA

8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED. Y N NA

9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT. Y N NA

**Village of Hatch Wastewater Treatment Plant
Compliance Evaluation Inspection**

NM0020010

August 30, 2011

Introduction

On August 30, 2011, a Compliance Evaluation Inspection (CEI) was conducted at the Village of Hatch Wastewater Treatment Plant (WWTP) by Steven M. Baumgarn of the New Mexico Environment Department (NMED, Surface Water Quality Bureau (SWQB)). The Village of Hatch plant is classified as a minor municipal discharge under the federal Clean Water Act's Section 402 National Pollutant Discharge Elimination System (NPDES) permit program and is assigned permit number NM0020010. The discharge is to the Hatch Drain, thence to the Rio Grande in Segment 20.6.4.101 NMAC of the Lower Rio Grande Basin.

The NMED performs a certain number of Compliance Evaluation Inspections for the U. S. Environmental Protection Agency (USEPA) each year. The purpose of this inspection is to evaluate compliance with the NPDES permit. The enclosed report is based on records review, on site observations by NMED personnel and verbal information supplied by Juan Duran, the Wastewater Superintendent.

The NMED inspector arrived at the Village of Hatch WWTP at 0745 hours on August 30, 2011. The credentials were shown and the purpose of the inspection was made clear. An exit interview with Juan Duran was set up for 1030 hours on August 30, 2011. A tour was conducted of the facility followed by a review of records and reports.

Treatment Scheme

Wastewater from the Village of Hatch arrives at the WWTP through a series of seven lift stations to the entrance works. The flow enter the treatment works by first passing through a bar screen. The bar screen has approximately 1-inch gaps between the bars. Rags picked up on the bar screen are placed in a bucket with holes in the bottom to allow for drainage and then sent with the sludge to a sanitary landfill in Sunland Park, New Mexico.

From the entrance works wastewater flows into one of two parallel sequencing batch reactors (SBR) units which each have the capability to treat 300,000 gallons of wastewater. Each unit is 44 feet by 29 feet and contains one mixer, one decanter, and two rows of fine bubble diffusers. Three 15 horse power blowers provide air for the aeration system in these units. Each cycle in the SBR tanks consists of a fill cycle, mixing cycle, and a decant cycle.

The flow during the decant cycle is going to the chlorine contact chamber left over from the old treatment plant. Chlorine is injected at the head of this baffled unit and the wastewater maintains contact through the basin prior to being discharged to the drain. Sulfur dioxide is injected in the last manhole prior to leaving the plant.

Sludge

Wasted sludge flows by gravity to the old secondary clarifiers which have been converted to aerated sludge basins. Aeration is provided by surface aerators which have been placed in the clarifier units. Each basin holds 22,843 gallons of sludge.

When the aerated sludge basins get full, sludge is withdrawn and placed on one of two concrete bottom sludge drying beds where polymer is added to facilitate separation of solids and water. Decant water is sent back to the head of the plant flowing by gravity back to the lift station. Solids are then removed from these drying beds and placed on one of four sand drying beds to completely dry out.

When the sludge is dry on the sand drying beds, it is removed and placed in a plastic lined dumpster for shipment to the landfill in Sunland Park. Sludge is picked up for final disposal approximately every 3 months. The landfill requires a TCLP and PCB test every 6 months from this facility to comply with 40 CFR 258.

This facility is still experiencing problems with the sludge getting completely dry during the cool, wet winter months.

Plant Upgrade

At the time of this inspection it was noted that the upgrade was well under way. They are adding a digester next to the existing aeration basins, removal of the old treatment units (oxidation ditch and final clarifiers) and construction of additional drying beds in the same area as the old units. Ultraviolet (UV) disinfection is also being added. It is anticipated that the hydraulic load will not be increased at this time.

Village of Hatch Wastewater Treatment Plant
Compliance Evaluation Inspection
NM0020010
August 30, 2011

Further Explanations

Note: The sections are arranged according to the format in EPA Form 3560-3 and checklist, attached, rather than being ranked in order of importance.

Operation and Maintenance

Permit Requirements for Operation and Maintenance

The permit requires, in Part III, Section B.3 – Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by permittee as efficiently as possible and in a manner which will minimize upsets and discharges of excessive pollutants and will achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires operation of backup or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of this permit.

Findings for Operation and Maintenance

As indicated previously in this inspection report, this facility is undergoing a major construction project which will substantially improve the operation and quality of the effluent from this facility. They are adding digestion capacity with a new digester on the south side of the existing RBC units. This unit will be an aerated digester and replace the digestion units located in the old final clarifiers. The old clarifiers will be removed when the new digesters go into operation. Two large drying beds are being constructed where the old oxidation ditch was located to the north of the control building. Both of these units will have concrete floors. They are also constructing a 30'x30' sludge pad holding area located near the old drying beds to be used when they can't ship sludge to the landfill. The old drying beds will also be retrofitted with concrete floors. All the solids handling construction will substantially help in moving solids out of the treatment train. They have had problems getting solids dry enough to take to the landfill during the winter months. Additionally, they will be eliminating the chlorine disinfection system and convert to ultraviolet (UV) disinfection.

The well at this facility has been used in the past for wash down water. The well has gone dry due to excessive groundwater irrigation and the drought in this area. It is being replaced with potable water for wash water. The inspector discussed with the operator the need to continue TRC sampling when wash water is being used which contains chlorine.

This facility presently has a backup generator. This unit is operated on a manual basis so the operator needs to checkup on the facility several times during the week to make sure there are no power outages. He must turn on the generator manually when a power outage occurs. With the new construction project they will be replacing the backup generator unit with a unit that automatically switches on when an outage occurs, and contacts the operator to notify him of the outage.

Flow Measurement

Permit Requirements for Flow Measurement

The permit requires, in Part III, Section C.6 – Flow Measurements

Appropriate flow measurement devices and methods consistent with accepted practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated, and maintained to insure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flow with a maximum deviation of less than 10% from the true discharge rate throughout the range of expected discharge volumes.

Findings for Flow Measurements

Mr. Duran indicated that he had not been doing check calibrations on the flow meter as of late. He showed the inspector the log sheet used for this purpose, but none of the sheets had been filled out in the last year. He indicated that they were in the process of replacing the effluent flow meter as part of the on-going plant upgrade. When the work of installing the new meter is complete, the new meter will be calibrated by the contractor or his representative. It is recommended that periodic checks be completed and kept on log sheets to ensure that the flow meter continues to be within the required $\pm 10\%$ as stated above. When a problem is noted the permittee can then contact the flow meter company to have it recalibrated. Initially this should be done at least once a quarter and may be reduced if no problems are being experienced.

Laboratory

Permit Requirements for Laboratory

The permit requires, Part III, Section C.5, Monitoring Procedures

The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instruments at intervals frequent enough to insure accuracy or measurements and shall maintain appropriate records of such activities.

Findings for Laboratory

At the time of the last inspection at this facility, the calibrated thermometer had been broken. Since the last inspection the calibrated thermometer has been replaced and is being calibrated on an annual basis by the company who sold the permittee the new calibrated thermometer.

Effluent/Receiving Waters Observations

Permit Requirements for Effluent Limitations and Monitoring Requirements

The permit requires, in Part I, Section A, Limitations and Monitoring Requirements

<i>Effluent Characteristics</i>	<i>Discharge Limitations</i>		
	<i>30 day Ave</i>	<i>7 day Ave</i>	<i>Max</i>
<i>Biochemical Oxygen Demand (5-day)</i>	<i>30 mg/l</i>	<i>45 mg/l</i>	
<i>Total Suspended Solids</i>	<i>30 mg/l</i>	<i>45 mg/l</i>	
<i>E-coli Bacteria (Colonies/100 ml)</i>	<i>126</i>		<i>410</i>

Findings for Effluent Limitations and Monitoring Requirements

As part of this inspection the Discharge Monitoring Reports (DMRs) for 2009, 2010, and 2011 were reviewed to determine if any excursions of the NPDES permit limits took place during this time period (see the attached chart). There were no excursions noted during this time period.

**Village of Hatch Wastewater Treatment Plant
Compliance Evaluation Inspection
NM0020010
August 30, 2009**

Discharge Monitoring Report Review for 2009, 2010, and 2011

Date	BOD(mg/l)		TSS(mg/l)		E-coli(org/100ml)	
	30dAvg	7d Ave	30d Ave	7d Ave	Ave	Max
01/09	8.5	9.7	3.5	5	158	199
02/09	6.3	9.9	4.9	5.9	95	100
03/09	6	8.1	3.5	4.5	69	74
04/09	5.3	5.4	5.2	5.8	100	125
05/09	8	12	7.6	8.7	100	125
06/09	7	10.8	5.1	6.3	104	128
07/09	4.2	4.7	5.3	7.6	93	120
08/09	5.7	10	2.6	12.5	125	223
09/09	7.2	11.8	6.5	7.2	79	100
10/09	3.8	4.7	4.4	5.4	51	52
11/09	7.2	9.9	7.2	11.8	74	79
12/09	5.6	7.7	2.8	4	69	76
01/10	3.1	3.2	2.7	2.9	72	78
02/10	10.6	11.3	11.5	11.7	125	199
03/10	8.1	12.3	6.6	7.1	72	100
04/10	14.8	22.8	3.4	4.9	79	100
05/10	4.4	4.6	7.6	9.5	85	93
06/10	3.7	5	5.1	5.6	72	91
07/10	4.3	4.4	3	4.3	100	126
08/10	3.3	3.6	2.5	2.6	97	100
09/10	11.3	14.1	5.4	6.7	66	68
10/10	3.5	3.6	4	4.8	79	93
11/10	7	8.6	6	9.7	100	125
12/10	6	8.2	6.5	10	95	117
01/11	3.4	3.8	5.1	7.1	100	125
02/11	4	4.1	7.1	8.8	77	91
03/11	4.1	4.3	4.6	5.1	100	125
04/11	7.3	10.7	6.5	9.6	100	125
05/11	3.4	4	3.8	4	112	125
06/11	4	4.1	4.2	6.1	89	100

Permit Limits	30	45	30	45	126	410
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