Pu 4222

Estimated Diversions for Gila Monster Ranch

Calendar Year 2010

Entitlement 8854 AF

Month	Acre-Feet
January	468
February	679
March	1189
April	765
May	1423
June	1059
July	831
August	527
September	99
October	802
November	551
December	461
	8854

Gila Monster Farms
Part 417 Consultation Questionnaire

The 43 Code of Federal Regulations Part 417 (Part 417) obligates the Secretary of the Interior to ensure releases of Colorado River water to each contractor will not exceed those reasonably required for beneficial use. Every year, contractors are asked to submit to the Bureau of Reclamation their annual diversion estimates, monthly diversion schedules, and water requirements for the following year. In addition, Reclamation is directed by Part 417 to consult with Colorado River water service contractors each year regarding water conservation measures, operating practices, and the beneficial use of Colorado River water.

For calendar year 2010, the Part 417 consultation is being supplemented through the collection of written information. This information, along with other relevant materials, is analyzed, and the Regional Director's determination of the approved diversion amount communicated in writing to the contractor. Part 417 establishes procedures and under which Gila Monster Farms (Farm) may request modification of the determination, or later appeal it to the Secretary of the Interior. Please review this Part 417 Consultation Questionnaire and reply to the listed topics.

Diversion Request: Provided in Table 1 is an historic review of the Farm's demands for Colorado River water since calendar year 2006. Past water use is one factor that may be used in determining water requirements for the Farm.

Table 1. Colorado River diversions for the Farm

Year	Diversion (Acre-feet)
2009 projected[1]	8,840
2008	7,251
2007	9,455
2006	10,190
Average	8,934

Part 417 Factors: Part 417.3 prescribes a list of factors to be examined by Reclamation in approving the Farm's annual water order. Reclamation consults annually with the Colorado River contractors on the Part 417.3 factors. In October 2008, Reclamation staff met with Farm staff and discussed each factor. The Farm's responses are noted on the Consultation Questionnaire. Reclamation requests an update of this information and any such additional written information the Farm desires to submit to support its request for 2010 diversions. Please note that the implementation of water conservation measures may also effect water requirements.

[1] 2009 projected diversion amounts as of July 21, 2009.

Water Conservation Planning: The Farm annually implements measures to improve the management of its water supply in order to meet its water needs,. Many of those measures are included in the Farm's water conservation plan. During 2009, several water management activities were implemented and noted in the Consultation Questionnaire. Which activities has the Farm implemented in 2009 that could impact your water order for 2010? Some activities do not impact the water order, but are necessary to update the Farm's water conservation plan. Those activities may be noted along with each Part 417 factor's reply on the Consultation Questionnaire.

Please respond to each item in the Consultation Questionnaire. The Farm may return this form to Reclamation, or provide the requested information in a format of its choice, provided that the format addresses each factor. This written consultation form, along with any other material considered to be relevant, will be used to determine the Farm's approved diversion for calendar year 2010.

Part 417.3 Factors	**2009 Reply**	**2010 Reply (Written)**
Area to be Irrigated[2]	May be a slight increase depending on evaluation of water use in 08	no change
Climatic Conditions[3]	No change	no change
Location[4]	No change	no change
Land Classification[5]	No change	no change
Kinds of Crops Raised[6]	Same pattern	no change
Cropping Practices[7]	More sprinklers	same
Type of Irrigation System in Use[8]	Keep using drip system	no change
Condition of Water Carriage & Distribution Facilities/System Efficiency[9]	No change	same
Record of Water Orders[10]	N/A	N/A

[2] Has the Farm added or reduced the number of turnouts or cultivated acres in its contract area?
[3] List weather stations used, annual mean temperature and rainfall, and reference evapotranspiration (ETo).
[4] Have there been any changes in the location of Farm facilities (e.g. canals, laterals, gates, etc…)?
[5] Quantify crop acres moved between soil classifications and projected impact on water use.
[6] List changes in crop types (e.g. more/less alfalfa than last year, etc…) and the projected impact on water use.
[7] Identify projected changes to cropping practices (e.g. sprinkle germination, etc…) and the expected impact on water use.
[8] Has there been a change in irrigation methods such as more/less drip acreage, level basin acreage, etc...?
[9] What is the condition of the system? Amount of water delivered/sold to customers in acre feet.
[10] Does the Farm amend daily water orders with Reclamation more than three times a month?

Part 417.3 Factors	2009 Reply	2010 Reply (Written)
Record of Rejections of Water Orders[11]	N/A	N/A
General Operating Practices/Policies[12]	N/A	N/A
Operating Efficiencies[13]	Same	Same
Methods of Irrigation of the Water Users[14]	No change	no change
Amount and Rate of Return Flow to the River[15]	Same	Same
Municipal Water Requirements[16]	N/A	N/A
Provisions of Users Water Delivery Contract[17]	No change in 09	no change
Water Rates[18]	N/A	N/A
Number of Ditch Riders[19]	N/A	N/A
Water Conservation[20]	$40,000	0
Other Relevant Factors[21]	No change	no change

[11] Have water orders from farmers been rejected by the Farm (e.g. for non-payment, etc...) that would impact its water order?
[12] Has there been any change in operating practices or policies? If so, attach the new policy.
[13] Total water consumed divided by total diversion in percent.
[14] Types/changes of irrigation management practices used (e.g. surge, cutback, etc...), and the amount of acres changed.
[15] Amount (cfs) and average rate (ft/sec) of return flow to the river.
[16] Amount of water going to non-agricultural uses (municipal, industrial, feedlots, other, etc…) in acre feet.
[17] Have there been any changes in the water service contract?
[18] Have there been any changes in water rates? If so, submit the changed rates?
[19] Number of ditch riders and areas/divisions each ditch rider works.
[20] How much money will be spent by the Farm on water conservation for 2010?
[21] Optional, please identify any other relevant factor/factors and explain why it would impact the Farm's water order?

WATER CONSERVATION PLAN IMPLEMENTATION[22]

2009 Activity

1. no changes
2.
3.
4.
5.

OTHER[23]

none

Signature

8/27/09
Date

[22] Water conservation activities/measures/practices the Farm implemented in 2009.
[23] Other relevant materials to submit (e.g. new water conservation plan, transfers, water price sheet, etc…).