OFFICE MEMO

TO: Ed Morris Jason Harbaugh	**DATE:** 27 September 2009
FROM: Kim Rosmaier	**SUBJECT:** Webb Tract visit - Sept 9, 2009

Observations

Discing activities continued this week.

There is considerable amount of Bermuda grass which hinders the discing activities. This poses a problem in the discing activities.

Field 99 looking east from levee.

The location of the permanent SR, field 23, was disced last week. To avoid damage to the SR equipment, the vegetation around the station was not disced. To decrease the influence on the SR data, staff attempted to lessen the height of the vegetation.

Approaching the SR1 in Field 23.

Considerable amount of weed residue remains on the field. Most weeds were cut but some were only flattened.

The rover SR is in field 79 and is surrounded by pigweed, jimsonweed, Bermuda grass, Johnson grass, and other unidentified vegetation.

This is the SR2 in field 79, looking west. The photo was taken at a height of approximately 5 feet.

Growth of vegetation is not hindered by lack of irrigation. Fields 16-20 were disced on August 5 have become heavily vegetated within one month

OFFICE MEMO

TO: Ed Morris Jason Harbaugh	**DATE:** 27 September 2009
	SUBJECT: Webb Tract visit - Sept 17, 2009
FROM: Kim Rosmaier	

Observations

No discing activity is occurring this week.

The rover SR remains in the north portion of field 79 and is surrounded by vegetation, heaviest to the west of the station, with less to the east.

This is the location of SR2, looking from the south.

The location of SR1, Field 23, was disced last week.

SR1 in field 23, looking west.

DWR staff cut down the pigweed surrounding the station. The picture below is of a stalk of cut pigweed. As can be seen, the diameter of the stalk is equivalent to that of the shovel.

Field 21 was disced on August 26 and was attributed as NV+D (native vegetation being disced) and is now attributed at FF+I1 due to the vegetation growth.

Due to extensive amount of Bermuda grass, some newly disced fields are not evaluated as fallow. Field 98 was disced on September 9th and was attributed as FF+I1, providing recognition that the field was partially fallow but also indicating sufficient vegetation (Bermuda grass) existed in some areas to be considered idle. Due to the increase in Bermuda grass, the field was attributed as I1 this week, indicating minimal bare soil.

Field 18 was disced on August 5th and attributed as fallow. Due to the growth of pigweed, the field is now idle. The pigweed is approximately 12-18 inches in height.

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OFFICE MEMO

TO: Ed Morris Jason Harbaugh	**DATE:** 29 September 2009
FROM: Kim Rosmaier	**SUBJECT:** Webb Tract visit - Sept 23, 2009

Observations

No discing activity is occurring this week.

The location of SR1 remains fallow.

SR1 Looking West

The rover SR has not been moved due to the high volume of vegetation. More data from this field will assist in determining an NDVI index. The vegetation has remained at the same height but some infill has occurred.

SR2 looking west

Fields 16 and 17, disced on August 5th and evaluated as fallow, have been revegetated and are now evaluated as native vegetation.

Field 16 looking east.

Field 17 looking south.

OFFICE MEMO

TO: Ed Morris Jason Harbaugh	**DATE:** 6 October 2009
	SUBJECT: Webb Tract visit - Sept 30, 2009
FROM: Kim Rosmaier	

Notes

This is the last visit to Webb Tract for the 2009 Water Transfer pilot program.
A separate report which provides examples of the attributes used in this project has been prepared.
The surface renewal equipment will be removed next week.

Observations

No discing activity is occurring this week, consequently vegetation continues to infill fields and increase in size.

The location of SR1 remains fallow.

SR1 looking west

The rover SR has not been moved due to the high volume of vegetation. More data from this field will assist in determining an NDVI index. The vegetation has remained at the same height but some infill has occurred.

SR2 looking west

Field 43 was disced between Aug 20 and Aug 26. The 8/26 survey identifies the field as FF+nC, i.e fallow but not clear of vegetation. The two photos below show the status of field 43, the infill of Johnson grass, attaining a height of two to four feet (photo shows four feet).

There was standing water in field 101. Since no precipitation was recorded by the Twitchell Island CIMIS station #140, the source of this standing water is possibly seepage in a low lying area.