

Project Name: TRIGGER LAG-ROCU DG_GMSRR_20160706_MIRFLD_2 **Workgroup: ES1615047**

Published Date: 25-Jul-2016

Licensee: Murrumbidgee Irrigation

Sampled Date: 10-Jul-2016

EPL No. 4651

<i>Location</i>	<i>Asset ID</i>	<i>Analyte</i>	<i>Data</i>	<i>Units</i>	<i>Notify Level</i>	<i>Action Level</i>	<i>ID</i>
MIRFLD		Sulfur as S	23	mg/L	-	-	27983
MIRFLD		Copper	0.007	mg/L	-	-	
MIRFLD		Aluminium	3.78	mg/L	-	-	27984
MIRFLD		Cadmium	<0.0001	mg/L	-	-	27985
MIRFLD		Lead	0.001	mg/L	-	-	27986
MIRFLD		Nickel	0.005	mg/L	-	-	27987
MIRFLD		Zinc	0.013	mg/L	-	-	27988
MIRFLD		Boron	0.15	mg/L	-	-	27989
MIRFLD		Iron	3.23	mg/L	-	-	27990
MIRFLD		Mercury	<0.0001	mg/L	-	-	27991
MIRFLD		Nitrite + Nitrate as N	1.73	mg/L	-	-	27992
MIRFLD		Total Kjeldahl Nitrogen as N	1.3	mg/L	-	-	27993
MIRFLD		Total Nitrogen as N	3.0	mg/L	-	-	27994
MIRFLD		Total Phosphorus as P	0.22	mg/L	-	-	27995
MIRFLD		Aldrin	<0.010	µg/L	-	-	27998
MIRFLD		alpha-BHC	<0.010	µg/L	-	-	27999
MIRFLD		beta-BHC	<0.010	µg/L	-	-	28000
MIRFLD		delta-BHC	<0.010	µg/L	-	-	28001
MIRFLD		4.4'-DDD	<0.010	µg/L	-	-	28002
MIRFLD		4.4'-DDE	<0.010	µg/L	-	-	28003
MIRFLD		4.4'-DDT	<0.010	µg/L	-	-	28004
MIRFLD		Dieldrin	<0.010	µg/L	-	-	28005
MIRFLD		alpha-Endosulfan	<0.010	µg/L	-	-	28006
MIRFLD		beta-Endosulfan	<0.010	µg/L	-	-	28007
MIRFLD		Endosulfan sulfate	<0.010	µg/L	0.0300	0.2000	28008
MIRFLD		Endrin	<0.010	µg/L	-	-	28009
MIRFLD		Endosulfan (sum)	<0.010	µg/L	-	-	28010
MIRFLD		Endrin aldehyde	<0.010	µg/L	-	-	28011
MIRFLD		Endrin ketone	<0.010	µg/L	-	-	28012
MIRFLD		Heptachlor	<0.005	µg/L	-	-	28013
MIRFLD		Heptachlor epoxide	<0.010	µg/L	-	-	28014
MIRFLD		Hexachlorobenzene (HCB)	<0.010	µg/L	-	-	28015
MIRFLD		gamma-BHC	<0.010	µg/L	-	-	28016
MIRFLD		Methoxychlor	<0.010	µg/L	-	-	28017
MIRFLD		cis-Chlordane	<0.010	µg/L	-	-	28018
MIRFLD		trans-Chlordane	<0.010	µg/L	-	-	28019
MIRFLD		Total Chlordane (sum)	<0.010	µg/L	-	-	28020
MIRFLD		Oxychlordane	<0.010	µg/L	-	-	28021
MIRFLD		Sum of Aldrin + Dieldrin	<0.010	µg/L	-	-	28022
MIRFLD		Sum of DDD + DDE + DDT	<0.010	µg/L	-	-	28023
MIRFLD		Simazine	0.334	µg/L	3.2000	11.0000	28025
MIRFLD		Diuron	0.446	µg/L	1.0000	5.0000	28026
MIRFLD		Atrazine	0.298	µg/L	13.0000	45.0000	28027
MIRFLD		Molinate	<0.005	µg/L	3.4000	14.0000	28028
MIRFLD		Metolachlor	0.132	µg/L	0.0200	0.1000	28029
MIRFLD		Malathion	<0.002	µg/L	0.0500	0.2000	28030
MIRFLD		Diazinon	<0.005	µg/L	0.0100	0.2000	28031
MIRFLD		Thiobencarb	<0.005	µg/L	2.8000	4.6000	28032
MIRFLD		Chlorpyrifos	<0.005	µg/L	0.0100	0.1100	28033
MIRFLD		Trifluralin	<0.005	µg/L	2.6000	4.4000	28034

Field Measurements

MIRFLD	Electrical Conductivity	524	Cond μ S/cm
MIRFLD	Turbidity	99	NTU
MIRFLD	pH	8.7	PH
MIRFLD	Temp	12.1	Temp °C
MIRFLD	Dissolved Oxygen	8.9	mg/L

Legend

XX	Notification Level
XX	Action Level

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Published date: September 29, 2016

Sampled date: September 12, 2016

Asset ID:	OT-5-362	Location Name:	MIRFLD - EPA Discharge & Monitoring Point 15			
Location	Analyte	Data	Units	Notify Level	Action Level	
MIRFLD	Atrazine	0.117	µg/l	13.000	45.000	
MIRFLD	Chlorpyrifos	<0.005	µg/l	0.010	0.110	
MIRFLD	Diazinon	<0.005	µg/l	0.010	0.200	
MIRFLD	Diuron	0.182	µg/l	1.000	5.000	
MIRFLD	Malathion	<0.002	µg/l	0.050	0.200	
MIRFLD	Metolachlor	0.029	µg/l	0.020	0.100	
MIRFLD	Molinate	<0.005	µg/l	3.400	14.000	
MIRFLD	Total Nitrogen as N	2.5	mg/l	-	-	
MIRFLD	Total Kjeldahl Nitrogen as N	1.8	mg/l	-	-	
MIRFLD	Nitrite + Nitrate as N	0.7	mg/l	-	-	
MIRFLD	Total Phosphorus as P	0.29	mg/l	-	-	
MIRFLD	Simazine	0.392	µg/l	3.200	11.000	
MIRFLD	Thiobencarb	<0.005	µg/l	2.800	4.600	
MIRFLD	Trifluralin	<0.005	µg/l	2.600	4.400	
MIRFLD	Sulfur as S	12	mg/L			
MIRFLD	Aluminium	20.4	mg/L			
MIRFLD	Cadmium	<0.0001	mg/L			
MIRFLD	Copper	0.018	mg/L			
MIRFLD	Lead	0.006	mg/L			
MIRFLD	Nickel	0.018	mg/L			
MIRFLD	Zinc	0.037	mg/L			
MIRFLD	Boron	0.12	mg/L			
MIRFLD	Iron	21.9	mg/L			
MIRFLD	Mercury	<0.0001	mg/L			
Field Measurements						
MIRFLD	pH	8.04	pH Units	-	-	
MIRFLD	Temp	14.1	°C	-	-	
MIRFLD	Electrical Conductivity	260.1	µS/cm	-	-	
MIRFLD	Turbidity	257	NTU	-	-	
MIRFLD	Dissolved Oxygen	8.1	mg/L	-	-	

Legend:

XX	Notification Level
XX	Action Level

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Murrumbidgee
Irrigation

Published date: October 21, 2016

Sampled date: October 12, 2016

Asset ID:	OT-5-362	Location Name:	MIRFLD - EPA Discharge & Monitoring Point 15			
Location	Analyte	Data	Units	Notify Level	Action Level	
MIRFLD	Atrazine	0.135	µg/l	13.000	45.000	
MIRFLD	Chlorpyrifos	<0.005	µg/l	0.010	0.110	
MIRFLD	Diazinon	<0.005	µg/l	0.010	0.200	
MIRFLD	Diuron	0.077	µg/l	1.000	5.000	
MIRFLD	Malathion	<0.002	µg/l	0.050	0.200	
MIRFLD	Metolachlor	0.046	µg/l	0.020	0.100	
MIRFLD	Molinate	<0.005	µg/l	3.400	14.000	
MIRFLD	Total Nitrogen as N	2.7	mg/l	-	-	
MIRFLD	Total Kjeldahl Nitrogen as N	1.9	mg/l	-	-	
MIRFLD	Nitrite + Nitrate as N	0.82	mg/l	-	-	
MIRFLD	Total Phosphorus as P	0.4	mg/l	-	-	
MIRFLD	Simazine	0.483	µg/l	3.200	11.000	
MIRFLD	Thiobencarb	<0.005	µg/l	2.800	4.600	
MIRFLD	Trifluralin	<0.005	µg/l	2.600	4.400	
MIRFLD	Sulfur as S	10	mg/L			
MIRFLD	Aluminium	14.6	mg/L			
MIRFLD	Cadmium	<0.0001	mg/L			
MIRFLD	Copper	0.009	mg/L			
MIRFLD	Lead	0.005	mg/L			
MIRFLD	Nickel	0.011	mg/L			
MIRFLD	Zinc	0.022	mg/L			
MIRFLD	Boron	0.11	mg/L			
MIRFLD	Iron	11.8	mg/L			
MIRFLD	Mercury	<0.0001	mg/L			
Field Measurements						
MIRFLD	pH	7.62	pH Units	-	-	
MIRFLD	Temp	14.4	°C	-	-	
MIRFLD	Electrical Conductivity	314.8	µS/cm	-	-	
MIRFLD	Turbidity	198	NTU	-	-	
MIRFLD	Dissolved Oxygen	6.7	mg/L	-	-	

Legend:

XX	Notification Level
XX	Action Level

WQ Publish Report

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Murrumbidgee
Irrigation

Published date: December 01, 2017
Sampled date: November 20, 2017

Asset ID:	OT-5-362	Location Name:	MIRFLD - EPA Discharge & Monitoring Point 15		
Location	Analyte	Data	Units	Notify Level	Action Level
MIRFLD	Atrazine	0.032	µg/l	13.000	45.000
MIRFLD	Chlorpyrifos	0.064	µg/l	0.010	0.110
MIRFLD	Diazinon	<0.005	µg/l	0.010	0.200
MIRFLD	Diuron	0.354	µg/l	1.000	5.000
MIRFLD	Malathion	<0.002	µg/l	0.050	0.200
MIRFLD	Metolachlor	0.216	µg/l	0.020	0.100
MIRFLD	Molinate	0.014	µg/l	3.400	14.000
MIRFLD	Total Nitrogen as N	1.6	mg/l	-	-
MIRFLD	Total Kjeldahl Nitrogen as N	1	mg/l	-	-
MIRFLD	Nitrite + Nitrate as N	0.56	mg/l	-	-
MIRFLD	Total Phosphorus as P	0.2	mg/l	-	-
MIRFLD	Simazine	1.37	µg/l	3.200	11.000
MIRFLD	Thiobencarb	1.92	µg/l	2.800	4.600
MIRFLD	Trifluralin	<0.005	µg/l	2.600	4.400
MIRFLD	Sulfur as S	18	mg/l		
MIRFLD	Aluminium	8.21	mg/l		
MIRFLD	Cadmium	<0.0001	mg/l		
MIRFLD	Copper	0.005	mg/l		
MIRFLD	Lead	0.003	mg/l		
MIRFLD	Nickel	0.006	mg/l		
MIRFLD	Zinc	0.012	mg/l		
MIRFLD	Boron	0.07	mg/l		
MIRFLD	Iron	6.45	mg/l		
MIRFLD	Mercury	<0.0001	mg/l		
Field Measurements					
MIRFLD	pH	7.96	pH Units	-	-
MIRFLD	Temp	24.528	°C	-	-
MIRFLD	Electrical Conductivity	255.3	µS/cm	-	-
MIRFLD	Turbidity	320.98	NTU	-	-

Legend:

XX	Notification Level
XX	Action Level



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