

Hardin County Water District No. 1 Compliance Monitoring

DIOXIN Waiver for 2014-16
compliance period

1st Quarter 2008	1st Quarter 2009	1st Quarter 2010	1st Quarter 2011	1st Quarter 2012	1st Quarter 2013	1st Quarter 2014	1st Quarter 2015	1st Quarter 2016	
SOC (atra/sima /lasso) - 1-23-08 VOC -1-23-08 RADS - 1-23-08 1 ^o - 1-23-08 2 ^o - 1-23-08 NO ₃ - 3-17-08 Na - 1-23-08 tthm/Haa-1-2-08	SOC (atra/sima /lasso) - 1-21-09 Dioxin - 1-21-09 VOC -1-21-09 1 ^o - 1-21-09 (No CN) 2 ^o - 1-21-09 NO ₃ - 1-21-09 Na - 1-21-09 CN - 2-24-09 tthm/Haa-1-5-09	SOC (atra/sima /lasso) - 1-18-10 VOC - 1/18/10 1 ^o - 1/18/10 2 ^o - 1/18/10 NO ₃ - 1/18/10 Na - 1/18/10 tthm/Haa-1-26-10	SOC (atra/sima /lasso) - 1-18-11 VOC - 1-18-11 1 ^o 2 ^o Nitrate - 1-18-11 Nitrite - 1-18-11 Na tthm/haa - 3/11/11 Asbestos - 2-14-11	SOC (atrazine ONLY) VOC 1 ^o 2 ^o Nitrate Nitrite Na tthm/haa	VOC 1 ^o 2 ^o Nitrate Na tthm/haa	Jan Wk 1 - Stage II tthm/haa VOC 1 ^o 2 ^o Nitrate Na	Jan Wk 1 - Stage II tthm/haa Jan - UCMR3 VOC 1 ^o 2 ^o Nitrate Na	Jan wk1-tthm/haa VOC 1 ^o 2 ^o Nitrate Na LT2-Jan13msrt, Feb10rt, Mar9rt	Monthly Bactis (30) Monthly Fluorides (2) VOC Monthly - TOC/Alk Monthly - Backwash Qty - HPC 2011,2014,2017 starts the 3 year cycling period for SOCs/VOCs 2013, 2016 - Pb and Cu 2023 - Rads (gross A, Rad 226, Rad 228, Uranium) UCMR3 April 2014, July 2014, Oct 2014, Jan 2015 WHPP - Update due April 2015 LT2ESWTR - sample schedule due for 2nd round - July 2015 RMP - revision due Feb 14, 2016 if not before (must submit one when we change process to chloramines)
SOC (atra/sima /lasso) - 6-25-08 tthm/Haa-4-15-08	SOC (atra/sima /lasso) - 4-27-09 Dioxin - 5-19-09 tthm/Haa-4-1-09	SOC - 4-22-10 tthm/Haa-5-14-10	SOC Dioxin tthm/haa	SOC (atrazine ONLY) tthm/haa	SOC (atrazine ONLY) tthm/haa **June 1 - Sept 30 30 Pb and Cu	Apr Wk 1 - Stage II tthm/haa Apr - UCMR3 SOC	SOC (atrazine ONLY) Apr Wk 1 - Stage II tthm/haa	SOC (atrazine ONLY) Apr Wk 1 - Stage II tthm/haa LT2- Apr13rt, May11rt, Jun15rt	
SOC (atra/sima /lasso) - 8-13-08 Na - 8-13-08 tthm/Haa-7-14-08	SOC (atra/sima /lasso) - 8-31-09 Dioxin - 8-31-09 tthm/Haa-7-20-09	SOC - 7-22-10 tthm/Haa-7-20-10 Pb/Cu	SOC Dioxin tthm/haa	SOC (atrazine ONLY) - THEN SEND LETTER TO KDOW tthm/haa	tthm/haa (check on atrazine as website says 2Q, but last detect was in 3Q)	July Wk 1 - Stage II tthm/haa July - UCMR3 SOC	July Wk 1 - Stage II tthm/haa	July Wk 1 - Stage II tthm/haa LT2-Jul13rt, Aug10rt, Sep14rt Cu&Pb Jun1-Sep30	
SOC (atra/sima /lasso) - 11-18-08 tthm/Haa-10-20-08	SOC (atra/sima /lasso) - 11-16-09 tthm/Haa-10-20-09	SOC (atra/sima /lasso) - 12-14-10 tthm/Haa-10-19-10	SOC (atra/sima /lasso) ??? tthm/haa	tthm/haa	Oct Wk 1 - Stage II tthm/haa End of PSC deviation	Oct - UCMR3 tthm/haa	Oct Wk 1 - Stage II tthm/haa	Oct wk1-tthm-haa Lt2-Oct12rt, Nov9rt, Dec14rt	

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1st Quarter 2017	1st Quarter 2018	1st Quarter 2019	1st Quarter 2020	1st Quarter 2021	1st Quarter 2022	1st Quarter 2023	1st Quarter 2024	1st Quarter 2025	
Jan Wk1-stage II tthm/haa VOC 1° 2° Nitrate Na Atrazine LT2- Jan11rt, Feb08rt, Mar08rt	Jan wk1-stage II tthm/haa VOC 1° 2° Nitrate Na	Jan wk1-stage II tthm/haa VOC 1° 2° Nitrate Na	Jan wk1-stage II tthm/haa VOC 1° 2° Nitrate Na Mar 2020- AM1,AM2 UCMR4	Jan wk1-stage II tthm/haa VOC Inorganic 2° Nitrate Na	Jan wk1-stage II tthm/haa VOC Inorganic 2° Nitrate Na	Jan wk1-stage II tthm/haa VOC Inorganic 2° Nitrate Na Rads			Monthly Bactis (30) Monthly Fluorides (2) Monthly - TOC/Alk Monthly - Backwash 2011,2014,2017 starts the 3 year cycling period for SOCs/VOCs
2nd Quarter 2017	2nd Quarter 2018	2nd Quarter 2019	2nd Quarter 2020	2nd Quarter 2021	2nd Quarter 2022	2nd Quarter 2023	2nd Quarter 2024	2nd Quarter 2025	
Apr Wk1-stage II tthm/haa SOC with Atrazine LT2- Apr12rt, May10rt, Jun14rt	Apr wk1-stage II tthm/haa SOC (Atrazine only)	Apr wk1-stage II tthm/haa June UCMR4	Apr wk1-stage II tthm/haa Apr wk2 and 4-AM3 UCMR4 May wk2 and 4-AM3 UCMR4 Jun wk2 and 4-AM3 UCMR4 SOC w/	Apr wk1-stage II tthm/haa SOC w/Atrazine	Apr wk1-stage II tthm/haa Atrazine	Apr wk1-stage II tthm/haa SOC w/Atrazine			2013, 2016, 2019, 2022 - Pb and Cu 2023 - Rads (gross A, Rad 226, Rad 228, Uranium)
3rd Quarter 2017	3rd Quarter 2018	3rd Quarter 2019	3rd Quarter 2020	3rd Quarter 2021	3rd Quarter 2022	3rd Quarter 2023	3rd Quarter 2024	3rd Quarter 2025	
July wk1-stage II tthm/haa LT2- Jul12rt ms, Aug 9rt, Sep 13rt SOC w/Atrazine	July wk1-stage II tthm/haa	July wk1-stage II tthm/haa Pb & Cu- 30 (6/1-9/30) Sept- UCMR4	July wk1-stage II tthm/haa July wk2 and 4-AM3 UCMR4 SOC	July wk1-stage II tthm/haa	July wk1-stage II tthm/haa Pb & Cu- 30 (6/1-9/30)	July wk1-stage II tthm/haa SOC			UCMRS May 2023, Aug 2023, Nov 2023, Feb 2024 WHPP (every 5 yrs) - Update due April 2026. LT2ESWTR - sample schedule due for 2nd round - July 2015 ✓
4th Quarter 2017	4th Quarter 2018	4th Quarter 2019	4th Quarter 2020	4th Quarter 2021	4th Quarter 2022	4th Quarter 2023	4th Quarter 2024	4th Quarter 2025	
Oct wk1-stage II tthm/haa LT2- Oct11rt, Nov 08rt, Dec. 13rt Atrazine	Oct wk1-stage II tthm/haa	Oct wk1-stage II tthm/haa Dec- UCMR4	Oct wk1-stage II tthm/haa	Oct wk1-stage II tthm/haa	Oct wk1-stage II tthm/haa	Oct wk1-stage II tthm/haa			RMP - revision due Feb 14, 2016 if not before (must submit one when we change process to chloramines). Mar 25, 2021

Atrazine- No detects w 4 quarters testing, ask for reduced monitoring