

Table 5

**Corpus Christi Monitoring Project
GasFindIR Video Image Descriptions
March 29 – April 4, 2008 and April 21, 2008**

CC0803(2B) = Image collected in Corpus Christi from County Club Drive, approximately 0.1 mile north of Interstate Highway (IH) 37 Access Road (Site 35) on March 29, 2008, from 13:39 – 13:43. Image depicts multiple vent emissions from Magellan Terminals Holdings LP Storage Tank T130 documented previously during the Spring 2007 monitoring project. Image collected by Tim Doty and Mark Leidig.

CC0803(3A) = Image recorded in Corpus Christi from Cantwell Lane, 0.95 mile north of Up River Road (Site 5) on March 29, 2008, from 14:43 – 14:48. This image shows pressure relief vent emissions from Valero Refining Texas LP – East Refinery Storage Tank 102. Image collected by Mark Leidig and Tim Doty.

CC0803(4A) = Image collected in Corpus Christi from Cantwell Lane, 0.95 mile north of Up River Road (Site 5) on March 29, 2008, from 14:55 – 14:57. It depicts streaming, uncombusted/partially combusted emissions from a Valero Refining Texas LP – East Refinery flare (EPN-FLARE1). Image recorded by Mark Leidig and Tim Doty.

CC0803(5A) = Image collected in Corpus Christi from McBride Lane, 0.15 mile north of Up River Road (Site 12) on March 29, 2008, from 16:19 – 16:22. Image shows Valero Refining Texas LP – East Refinery uncombusted/partially combusted flare emissions. Image collected by Tim Doty and Mark Leidig.

CC0803(6A) = Split screen image collected in Corpus Christi from McBride Lane, 0.15 mile north of Up River Road (Site 12) on March 29, 2008, from 16:29 – 16:33. Image shows Valero Refining Texas LP – East Refinery uncombusted/partially combusted flare emissions. Image collected by Tim Doty and Mark Leidig.

CC0803(9A) = Image collected east of Bishop, from a utility access road, 0.35 mile south of Farm-to-Market Road (FM) 70 and 0.75 mile west of County Road (CR) 73A (Site 64) on March 30, 2008, from 12:13 – 12:15. This image depicts oil gathering hatch emissions from produced water and crude oil storage tanks at the Continental Trend Resources, Incorporated (Inc.) - Gillium #1 and #2 Tank Batteries, 320 Acres, API #42-355-33519 and #42-355-33687, Operator Identification #173789. Image recorded by Mark Leidig and Tim Doty.

CC0803(10A) = Image collected in Corpus Christi from the intersection of Nueces Bay Boulevard and Nueces Street (Site 13) on March 30, 2008, from 15:53 – 15:55. It depicts no apparent emissions, but a light steam trail from a Flint Hills Resources LP – East Refinery flare (EPN FL-97) is visible. Image recorded by Tim Doty and Mark Leidig.

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CC0803(11B) = Image collected in Corpus Christi from the intersection of County Club Drive and IH 37 (Site 14) on March 30, 2008, from 16:09 – 16:11. This image depicts streaming emissions from multiple vents on Magellan Terminals Holdings LP Storage Tank T130 located just north of a residential area and Charlie's Alcohol and Drug Rehabilitation facility. Image recorded by Tim Doty and Mark Leidig.

CC0803(12A) = Image collected in Corpus Christi from the intersection of Country Club Drive and IH 37 (Site 14) on March 30, 2008, from 16:12 – 16:16. This image depicts streaming emissions from multiple vents on Magellan Terminals Holdings LP Storage Tank T130 located just north of a residential area and Charlie's Alcohol and Drug Rehabilitation facility. Human receptors are present in the foreground of the image. Image recorded by Tim Doty and Mark Leidig.

CC0803(13B) = Image collected in Corpus Christi from Country Club Drive, approximately 0.1 mile north of IH 37 (Site 35) on March 30, 2008, from 16:22 – 16:24. This image depicts streaming emissions from multiple vents on Magellan Terminals Holdings LP Storage Tank T130 located just north of a residential area and Charlie's Alcohol and Drug Rehabilitation facility. Image recorded by Tim Doty and Mark Leidig.

CC0803(14A) = Image collected in Corpus Christi from Country Club Drive, approximately 0.1 mile north of IH 37 (Site 35) on March 30, 2008, from 16:24 – 16:29. This image depicts streaming emissions from multiple vents on Magellan Terminals Holdings LP Storage Tank T130 located just north of a residential area and Charlie's Alcohol and Drug Rehabilitation facility. Human receptors are present just south of the storage tank. Image recorded by Tim Doty and Mark Leidig.

CC0803(15A) = Image collected in the Robstown area from Enterprise Products entrance road, 0.25 mile east of McKinzie Road (Site 47) on March 30, 2008, from 19:21 – 19:25. It depicts streaming, uncombusted/partially combusted flare emissions from the Enterprise Products Operating Shoup Plant flare. This is an effective flare image for presentations. Image recorded by Mark Leidig and Tim Doty.

CC0803(16A) = Split screen image collected in the Robstown area from Enterprise Products entrance road, 0.25 mile east of McKinzie Road (Site 47) on March 30, 2008, from 19:33 – 19:39. It depicts streaming, uncombusted/partially combusted flare emissions from an Enterprise Products Operating Shoup Plant flare. This is an effective flare image for presentations. Image recorded by Mark Leidig and Tim Doty.

CC0803(17A) = Image recorded in Corpus Christi from Dunn Lane, approximately 0.1 mile south of Up River Road (Site 20) on March 30, 2008, from 20:37 – 20:40. It depicts streaming, uncombusted/partially combusted emissions from two Javelina Company (Co.) gas plant flares. Image recorded by Mark Leidig and Tim Doty.

CC0803(20A) = Image recorded in Corpus Christi from a utility access road, 50 yards south of IH 37 and approximately 0.5 mile east of Clarkwood Road (Site 37) on March 31, 2008, from 16:58 – 17:05. Located at the Anderson Oil Ltd - F. J. Smith Lease, 40

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Acres, Well #1, Texas Railroad Commission #13280, this image shows streaming emissions from a gun barrel separator and the hatches of two crude oil tanks (FHR LSE#14606/TK#253871 and TK#253872). Image recorded by Tim Doty.

CC0803(21A) = Image recorded in Corpus Christi from a utility access road, 50 yards south of IH 37 and approximately 0.5 mile east of Clarkwood Road (Site 37) on March 31, 2008, from 17:07 – 17:10. Located at the Anderson Oil Ltd - F. J. Smith Lease, Well #1, 40 Acres, Texas Railroad Commission #13280, this image shows readily apparent, streaming emissions from a gun barrel separator and the hatches of two crude oil tanks (FHR LSE#14606/TK#253871 and TK#253872). Image recorded by Tim Doty.

CC0803(22A) = Split screen image recorded in Corpus Christi from a utility access road, 50 yards south of IH 37 and approximately 0.5 mile east of Clarkwood Road (Site 37) on March 31, 2008, from 17:19 – 17:23. Located at the Anderson Oil Ltd - F.J. Smith Lease, Well #1, 40 Acres, Texas Railroad Commission #13280, this image shows streaming emissions from a gun barrel separator and the hatches of two crude oil tanks (FHR LSE#14606/TK#253871 and TK#253872). Image recorded by Tim Doty.

CC0803(23A) = Image recorded in Corpus Christi from the IH 37 westbound access road, approximately 0.5 mile east of Clarkwood Road (Site 38) on March 31, 2008, from 17:46 – 17:49. This image shows emissions from the roof area of a storage tank at the Anderson Oil Ltd - Ergan-Quiroz Lease, 40 Acres. Image collected by Tim Doty.

CC0803(24A) = Image collected in Corpus Christi from a utility access road, approximately 0.2 mile north of Up River Road and 0.1 mile east of Suntide Road (Site 36) on March 31, 2008, from 18:26 – 18:30. It depicts streaming emissions from a pressure relief vent and roof/hatch area of a storage tank during truck loading. This tank was being unloaded by a Plains Marketing LP truck at the Koch Pipeline Co. LP - Viola Station. Image recorded by Tim Doty.

CC0803(25A) = Image collected in Corpus Christi from a utility access road, approximately 0.2 mile north of Up River Road and 0.1 mile east of Suntide Road (Site 36) on March 31, 2008, from 18:43 – 18:46. It depicts emissions from a pressure relief vent and the roof/hatch area of a storage tank during truck loading. This tank (DEST. 892) was located at the Gulfmark Energy, Inc. facility. Image recorded by Tim Doty.

CC0803(26A) = Image collected in Corpus Christi from an area off Port of Corpus Christi Authority (POCCA) Road, approximately 2.1 miles west of Navigation Boulevard and 50 yards north of POCCA Road (Site 62) on March 31, 2008, from 19:30 – 19:33. Collected at Magnum Producing LP, State Tract 691, #2-RUT and #2-RLT, this image shows emissions from a pressure relief valve/roof area of a storage tank. Image collected by Tim Doty.

CC0803(27A) = Image collected in Corpus Christi from POCCA Road, approximately 1.6 miles west of Navigation Boulevard (Site 61) on March 31, 2008, from 19:53 – 19:57. It depicts emissions from the roof/hatch area of two crude oil storage tanks

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(#70524 and #70525) at the Texas Petroleum Investment Co. - Tule Lake Field, Nueces County, Texas, State Tract 689-A Lease #2, 199 Acres, and Texas Railroad Commission #112043. Image recorded by Tim Doty.

CC0803(30A) = Image collected in southern Nueces County from CR 63, approximately 0.2 mile north of CR 10 (Site 58) on April 1, 2008, from 12:38 – 12:45. Recorded at Bill H. Pearl Productions, Inc. – #647284, K.L. Shaffer Lease (NCT-1), Tank Battery #1, 323.27 Acres/532 Acres, Texas Railroad Commission #04949-01686-01688-11670, this image depicts emissions from a pressure relief vent on a crude oil tank (DOC 105574/49408). Image recorded by Tim Doty.

CC0803(31A) = Image collected in southern Nueces County from a utility access road, approximately 0.5 mile west of CR 63 (Site 59) on April 1, 2008, from 13:20 – 13:29. Collected at Bill H. Pearl Productions, Inc. - #647284, J.P. Luby Tank Battery #2, 1023.4 Acres, Commingle #1019, Texas Railroad Commission #172279, #170314, #13060, #09841, #058266, it depicts intermittent emissions from a storage tank pressure relief vent. Image recorded by Tim Doty.

CC0803(32A) = Image collected in southern Nueces County from a utility access road, approximately 0.1 mile north of FM 70 and 0.4 mile east of CR 63A (Site 60) on April 1, 2008, from 13:54 – 13:58. It depicts emissions from the roof/hatch area of a condensate tank (AGE, MCC-002, #4022) at Continental Trend Resources, Inc. - G.H. McCann Central Tank Battery, Operator Identification #173783, 500 Acres, and Nueces County, Texas. Image recorded by Tim Doty.

CC0803(33A) = Image recorded in southern Nueces County from CR 55, approximately 0.3 mile south of CR 12 (Site 63) on April 1, 2008, from 14:39 – 14:43. It depicts intermittent pressure relief vent emissions from a tank battery at the Carter Exploration Co. - Chapman Ranch Lease, 320 Acres, and Texas Railroad Commission Permit #1891. This site was being serviced by a truck marked R & R Lease, Oil Field Service, Alice, Texas.

CC0803(34A) = Image recorded in Corpus Christi from the northwest corner of the Greyhound Race Track (Site 39) on April 1, 2008, from 16:36 – 16:42. It depicts streaming, uncombusted/partially combusted emissions from a Javelina Co. gas plant flare. Image collected by Tim Doty.

CC0803(35A) = Split screen image recorded in Corpus Christi from the northwest corner of the Greyhound Race Track (Site 39) on April 1, 2008, from 16:50 – 16:58. It depicts streaming, uncombusted/partially combusted emissions from a Javelina Co. gas plant flare. Image collected by Tim Doty.

CC0803(36A) = Image recorded in Corpus Christi from Joe Fulton International Trade Corridor, 0.15 mile west of Navigation Boulevard (Site 46) on April 1, 2008, from 18:30 – 18:35. It shows emissions from the hatch/roof area of three storage tanks, including #424125/112247 and #235096, located at Greenbriar Energy, Inc. - Well #1, 750 Acres,

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Nueces County, Texas, Texas Railroad Commission #12360. Image recorded by Tim Doty.

CC0803(37A) = Split screen image recorded in Corpus Christi from Joe Fulton International Trade Corridor, 0.15 mile west of Navigation Boulevard (Site 46) on April 1, 2008, from 18:41 – 18:46. It shows emissions from the hatch/roof area of three storage tanks, including #424125/112247 and #235096, located at Greenbriar Energy, Inc. - Well #1, 750 Acres, Nueces County, Texas, Texas Railroad Commission #12360. Image recorded by Tim Doty.

CC0803(38A) = Image recorded in Corpus Christi from the intersection of Breakwater Avenue and West Surfside Boulevard (Site 45) on April 1, 2008, from 19:27 – 19:31. It depicts emissions from Storage Tank #1333 at Martin Midstream Partners LP, Martin Operating Partnership and Corpus Christi Barge Terminal. This image shows emissions from three apparent holes/vents on the roof of this heated storage tank that contains fuel oil. Image recorded by Tim Doty.

CC0803(39A) = Split screen image recorded in Corpus Christi from the intersection of Breakwater Avenue and West Surfside Boulevard (Site 45) on April 1, 2008, from 19:39 – 19:50. It depicts emissions from Storage Tank #1333 at Martin Midstream Partners, LP, Martin Operating Partnership and Corpus Christi Barge Terminal. This image shows emissions from three apparent holes/vents on the roof of this heated storage tank that contains fuel oil. Image recorded by Tim Doty.

CC0803(41B) = Image recorded in Corpus Christi from the intersection of Dona Drive and Vernon Drive (Site 40) on April 2, 2008, from 00:19 – 00:24. Recorded in a residential neighborhood, it depicts streaming, uncombusted/partially combusted emissions from a Javelina Co. gas plant flare. This is an effective image for presentations. Image recorded by Tim Doty.

CC0803(42B) = Image recorded in Corpus Christi from Dunn Lane, approximately 0.1 mile south of Up River Road (Site 20) on April 2, 2008, from 00:51 – 00:55. This image depicts streaming, uncombusted/partially combusted emissions from a Javelina Co. gas plant flare that lofted over the horizon for at least 0.5 mile. This is an effective image for presentations. Image recorded by Tim Doty.

CC0803(44A) = Image recorded in the Ingleside area from Sunray Road, approximately 0.5 mile west of State Highway (SH) 2725 (Site 43) on April 2, 2008, from 12:11 – 12:15. This image depicts easily discernible emissions from the Cinco Natural Resources Corporation (Corp.) Tank Farm. Emissions from multiple pressure relief vents and hatches/roof area were documented at this tank battery that includes a gun barrel separator. This is an effective image for presentations. Image collected by Tim Doty.

CC0803(45A) = Split screen image recorded in the Ingleside area from Sunray Road, approximately 0.5 mile west of SH 2725 (Site 43) on April 2, 2008, from 12:26 – 12:32. This image depicts easily discernible emissions from the Cinco Natural Resources Corp.

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Tank Farm. Emissions from multiple pressure relief vents, and hatches/roof area were documented at this tank battery that includes a gun barrel separator. This is an effective image for presentations. Image collected by Tim Doty.

CC0803(46A) = Image recorded in the Ingleside area from SH 2725, approximately 0.3 mile south of Sunray Road (Site 44) on April 2, 2008, from 12:41 – 12:43. It depicts emissions from hatches/pressure relief vents on storage tanks at the Falcon Refinery Superfund Site operated by Kleinfelder for National Oil Recovery Corp. Image collected by Tim Doty.

CC0803(47A) = Split screen image recorded in the Ingleside area from SH 2725, approximately 0.3 mile south of Sunray Road (Site 44) on April 2, 2008, from 12:51 – 12:58. It depicts emissions from hatches/pressure relief vents on storage tanks during truck loading at the Falcon Refinery Superfund Site operated by Kleinfelder for National Oil Recovery Corp. This is an effective image for presentations. Image collected by Tim Doty.

CC0803(48A) = Image collected in Corpus Christi from POCCA Road, approximately 1.6 miles west of Navigation Boulevard (Site 61) on April 2, 2008, from 16:22 – 16:24. It depicts emissions from the roof/hatch area of two crude oil storage tanks (#70524 and #70525) at the Texas Petroleum Investment Co. - Tule Lake Field, Nueces County, Texas, State Tract 689-A Lease #2, 199 Acres, and Texas Railroad Commission #112043. Image recorded by Tim Doty.

CC0803(51B) = Image collected in Three Rivers from SH 72, 0.35 mile west of United States (US) Highway (Hwy) 281 (Site 55) on April 4, 2008, from 13:27 – 13:43. This image depicts intermittent emissions from a pressure relief vent on a Valero Refining Texas LP – Three Rivers Refinery heated storage tank. Image recorded by Jason Ivy.

CC0803(52B) = Image collected in Three Rivers from SH 72, 0.36 mile west of US Hwy 281 (Site 56) on April 4, 2008, from 15:03 – 15:07. This image depicts intermittent emissions from a pressure relief vent on a Valero Refining Texas LP – Three Rivers Refinery heated storage tank. Image recorded by Jason Ivy.

CC0803(53B) = Image collected in Three Rivers from SH 72, 0.35 mile west of US Hwy 281 (Site 55) on April 4, 2008, from 15:30 – 15:40. This image depicts intermittent emissions from a pressure relief vent on a Valero Refining Texas LP – Three Rivers Refinery heated storage tank. Image recorded by Jason Ivy.

CC0803(54B) = Image collected in Three Rivers from SH 72, 0.51 mile west of US Hwy 281 (Site 57) on April 4, 2008, from 15:56 – 16:00. It depicts streaming, uncombusted/partially combusted emissions from a Valero Refining Texas LP – Three Rivers Refinery flare. Image recorded by Jason Ivy.

CC0803(58A) = Image collected in the Seadrift area from SH 185, 1.95 miles south of SH 35 (Site 66) on April 21, 2008, from 12:02 – 12:06. This image depicts streaming,

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uncombusted/partially combusted emissions from a flickering flare and emissions from a second more northerly Dow Chemical Co./Union Carbide Corp. – Seadrift Operations flare. Image documented by Mark Leidig and Tim Doty.

CC0803(59A) = Split screen image collected in the Seadrift area from SH 185, 1.95 miles south of SH 35 (Site 66) on April 21, 2008, from 12:11 – 12:17. This image depicts streaming, uncombusted/partially combusted emissions from a Dow Chemical Co./Union Carbide Corp. – Seadrift Operations flickering flare. Image documented by Mark Leidig and Tim Doty.

CC0803(60A) = Split screen image collected in the Seadrift area from SH 185, 1.95 miles south of SH 35 (Site 66) on April 21, 2008, from 12:19 – 12:22. This mostly ineffective image depicts streaming, uncombusted/partially combusted emissions from a Dow Chemical Co./Union Carbide Corp. – Seadrift Operations flare. Image documented by Mark Leidig and Tim Doty.

CC0803(61A) = Split screen image collected in the Seadrift area from SH 185, 1.95 miles south of SH 35 (Site 66) on April 21, 2008, from 12:31 – 12:36. This image depicts streaming, uncombusted/partially combusted emissions from a Dow Chemical Co./Union Carbide Corp. – Seadrift Operations flickering flare. Image documented by Mark Leidig and Tim Doty.

CC0803(62A) = Split screen image collected in the Seadrift area from SH 185, 1.95 miles south of SH 35 (Site 66) on April 21, 2008, from 12:45 – 12:51. This image depicts streaming, uncombusted/partially combusted emissions from a Dow Chemical Co./Union Carbide Corp. – Seadrift Operations flickering flare. Comparison can be made of flare emissions versus quickly dissipating train exhaust. Image documented by Mark Leidig and Tim Doty.

CC0803(63A) = Image collected in the Seadrift area from SH 185, 1.95 miles south of SH 35 (Site 66) on April 21, 2008, from 13:05 – 13:09. This image depicts streaming, uncombusted/partially combusted emissions from the Dow Chemical Co./Union Carbide Corp. – Seadrift Operations flare. Large flame on flare appears to have increased combustion efficiency. Image documented by Mark Leidig and Tim Doty.

CC0803(64A) = Split screen image collected in the Seadrift area from SH 185, 1.95 miles south of SH 35 (Site 66) on April 21, 2008, from 13:11 – 13:22. This image depicts streaming, uncombusted/partially combusted emissions from a Dow Chemical Co./Union Carbide Corp. – Seadrift Operations flare. Large flame on flare appears to have increased combustion efficiency. Image documented by Mark Leidig and Tim Doty.

CC0803(65A) = Triple array image collected in the Seadrift area from SH 185, 1.95 miles south of SH 35 (Site 66) on April 21, 2008, from 13:54 – 14:15. This image depicts streaming, uncombusted/partially combusted emissions from a Dow Chemical Co./Union Carbide Corp. – Seadrift Operations flare. A flare comparison can be made as

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emissions visible with the GasFindIR Camera are not visible with the EX-320 Infrared (IR) Camera (only reduced heat trace). Image documented by Mark Leidig and Tim Doty.

CC0803(66A) = Triple array image collected in the Seadrift area from SH 185, 1.95 miles south of SH 35 (Site 66) on April 21, 2008, from 14:20 – 14:36. This image depicts streaming, uncombusted/partially combusted emissions from a Dow Chemical Co./Union Carbide Corp. – Seadrift Operations flare. Increased size of flame on flare appears to have increased combustion efficiency. A flare comparison can be made as emissions visible with the GasFindIR Camera are not visible with the EX-320 IR Camera (only reduced heat trace). Image documented by Mark Leidig and Tim Doty.