APPENDIX L

COMMENTS ON THE DEIS AND RESPONSES

Gulf LNG

Comments on the DEIS and Responses

INDEX

Document	
<u>Number</u>	Commentor

FEDERAL AGENCIES

- FA1 National Oceanic and Atmospheric Administration National Marine Fisheries Service
- FA2 U.S. Environmental Protection Agency
- FA3 U.S. Department of the Interior
- FA4 U.S. Fish and Wildlife Service

STATE AGENCIES

SA1 Mississippi Department of Archives and History

INDIVIDUALS

- IND1 Barbara Weckesser
- IND2 Barbara Weckesser

PUBLIC COMMENT SESSIONS

PS1 Pelican Landing Center – Tuesday 18, December, 2018

FA1 – National Marine Fisheries Service

20181211-5001 FERC PDF (Unofficial) 12/10/2018 5:26:56 PM Brandon Howard, Baton Rouge, LA. Ms. Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First Street NE, Room 1A Washington, D.C. 20426 Dear Ms. Bose: NOAA's National Marine Fisheries Service (NMFS) has reviewed the Draft Environmental Impact Statement (DEIS) and the appended Essential Fish Habitat Assessment, dated November, 2018, for the "Gulf LNG Liquefaction Project" (Docket No. CP15-521-000). The Federal Energy Regulatory Commission (FERC) proposes to authorize the expansion of the existing facility pursuant to sections 3(a) and 7 of the Natural Gas Act. The project is located in Pascagoula, Mississippi. The following is provided in accordance with provisions of the Fish and Wildlife Coordination Act (16 U.S.C. 661 et seq.) and 600.920 of the Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act; P.L. 104-297). The NMFS attended meetings and provided technical assistance on November 10, 2017, and December 13, 2017. In addition, NMFS reviewed an advanced copy of the DEIS and provided comments by email dated February 23, 2018. FA1-1 The project would impact 28 acres of estuarine emergent marsh and palustrine emergent marsh characterized as essential fish habitat (EFH). Mitigation would consist of a 50-acre intertidal marsh creation project immediately south of the terminal expansion site. The applicant will work closely with NMFS and the Mississippi Beneficial Use Group to explore opportunities utilizing sediment generated from berth expansion to create marsh prior to disposal offshore. Due to NMFS' early involvement and close coordination with FERC and the applicant, the project has been designed to avoid, minimize, and mitigate impacts to EFH and federally managed fishery species in the Mississippi Sound and surrounding waters. The NMFS Habitat Conservation Division does not object to the project as proposed and agrees with FERC's determination in Section 4.6.3.3 and Appendix C of the DEIS that the project will not adversely affect EFH. We appreciate your consideration of our comments. If you wish to discuss this project further or have questions concerning our recommendations, please contact Brandon Howard at (225) 380-0050 or Brandon.Howard@noaa.gov.

FA1-1 Comment acknowledged. We have updated our consultation within sections 4.6.3 and 4.7.1 of the EIS and appendix C of the EFH Assessment.

FA2 – United States Environmental Protection Agency

20181217-5299 FERC PDF (Unofficial) 12/17/2018 3:21:42 PM UNITED STATES ENVIRONMENTAL PROTECTION AGENCY **REGION 4** ATLANTA FEDERAL CENTER 61 FORSYTH STREET ATLANTA, GEORGIA 30303-8960 DEC 1 7 2018 Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First Street, NE, Room 1A Washington, DC 20426 Re: Draft Environmental Impact Statement (DEIS) for the Gulf LNG Liquefaction Project, Jackson County, Mississippi; FERC Docket No. CP15-521; CEQ# 20180278 Dear Ms. Bose: The U.S. Environmental Protection Agency (EPA) has reviewed the DEIS for the Gulf LNG Liquefaction Project in accordance with our responsibilities under Section 102(2)(C) of the National Environmental Policy Act (NEPA) and Section 309 of the Clean Air Act. The DEIS evaluates the potential impacts to natural and human environments resulting from the proposed expansion of the existing natural gas facility located in Jackson County, Mississippi. The proposal would disturb a total of 230 acres of mix land types. The DEIS indicates that 172 acres will be permanently impacted and includes 39 acres of wetlands which would be permanently filled. The Federal Energy Regulatory Commission (FERC) invited the EPA to become a cooperating agency as outlined in the letter dated February 6, 2015. The EPA Region 4 NEPA Program Office did not receive 2 hardcopies (or 1 hardcopy and 1 CD) of the DEIS for our review. The FERC's filing of the DEIS did not conform to the FA2-1 requirements. Please see the following: https://www.epa.gov/nepa/environmental-impactstatement-filing-guidance. Please submit 2 hardcopies of the Final Environmental Impact Statement (FEIS) when it becomes available for review. The purpose of the proposed expansion project is to enable bi-directional flow of natural gas along the Gulf LNG Pipeline system allowing incoming natural gas from three pipeline interconnections. The incoming natural gas would be treated, liquefied, stored, and loaded from LNG storage tanks into vessels. The existing terminal will retain import and re-gasification capabilities. The alternatives analyzed in the DEIS included the No-Action Alternative, System Alternatives, Terminal Expansion Sites Alternative, Plot Plans for the Terminal Expansion Alternative, Liquefaction Technologies, Supply Dock Alternatives, Construction Support Area Sites Alternative, Pipeline Modification Sites Alternative, Power Source for the Refrigeration Compressors Alternative, and Power Source for the Terminal Expansion Alternative. After analyzing these alternatives, FERC concluded that none of these alternatives "...provide a significant environmental advantage over the proposed action¹. 1 DEIS Gulf LNG (CP-15-521): p.ES-9 Internet Address (URL) • http://www.epa.gov Recycled/Recyclable • Printed with Vegelable Oil Based Inks on Recycled Paper (Minimum 30% Postconsumer)

FA2-1 Comment acknowledged. As of August 2018, the Commission moved to electronic issuance of environmental documents for FERC's natural gas and hydropower programs to save valuable resources, align FERC with the digital age, and continue to ensure that information is accessible to stakeholders (https://www.ferc.gov/media/news-releases/2018/2018-3/08-31-18.asp). This appendix contains our responses to the comments received on the draft EIS for the Gulf LNG Liquefaction Project and includes references to the specific EIS section in which each comment is addressed. Where no revision to the EIS is required, a clear explanation is provided in this appendix.

FA2 – United States Environmental Protection Agency

20181217-5299 FERC PDF (Unofficial) 12/17/2018 3:21:42 PM Based on our review of the DEIS, the EPA identified several issues that could potentially help to FA2-1 improve the Final Environmental Impact Statement (FEIS). The EPA requests that additional cont'd information be provided and reported in the FEIS. The EPA recommends that all relevant permits and consultations be concluded at the time of the FEIS issuance. We have enclosed technical comments and recommendations for your consideration that can strengthen the conclusions in the FEIS (See enclosure). Effective October 22, 2018, the EPA will no longer include ratings in our comment letters. Information about this change and the EPA's continued roles and responsibilities in the review of federal actions can be found on our website at: https://www.cpa.gov/ncpa/cnvironmentalimpact-statement-rating-system-criteria. The EPA appreciates the opportunity to review and provide comments on this DEIS. If you have questions or wish to discuss our comments and recommendations, please contact Ms. Maria R. Clark at (404) 562-9513 or clark.maria@epa.gov. Sincerel Christopher A. Militscher Chief, NEPA Program Office Resource Conservation and Restoration Division Enclosure: Technical Comments and Recommendations

FA2 – United States Environmental Protection Agency

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	ENCLOSURE	
	Technical Comments and Recommendations on the DEIS for the Gulf LNG Liquefaction Project, Jackson County, Mississippi. FERC Docket No. CP15-521; CEQ# 20180278	~
FA2-2	Water Resources: Section 2.6.3 of the DEIS states that hydrostatic test water would be discharge into the Mississippi Sound according with permit MSG13. Recommendation: The EPA understands that there is a National Pollutant Discharge Elimination System (NPDES) permit in place but we recommend the use of filter covers to use at the end of the output pipe/hose to capture a variety of pollutants such as metals before entering the Sound's waters.	
	Wetlands: The DEIS indicated that the proposed project will permanently impact 39 acres of	-
	freshwater and tidal wetlands. In addition, several acres of wetlands are proposed to be temporarily impacted for construction staging areas. The temporary impact is expected to last 66 months during the construction phase of the project. The DEIS indicates that compensatory	
FA2-3	mitigation is proposed for the permanent impacts. Recommendation: The EPA believes that the FERC should first strive to avoid and minimize impacts to jurisdictional wetlands rather than to mitigate them. We concur with FERC that CSA-	
	5 should be returned to its pre-construction condition after the project is completed. However, we believe that this would be difficult due to the 66 months of the projected construction phase and soil compaction issues. The EPA recommends that additional efforts be made to avoid this wetland site.	L.
	i welding site.	
FA2-4	Threatened, Endangered, and Other Special Status Species: Based upon the information in the DEIS, consultations with the U.S. Fish and Wildlife Service and National Marine Fishery Service are still ongoing. FERC recommended to these agencies to concur with FERC's determining the period to the second the period of the second secon	
FAZ-4	determination, and to conclude these consultations before construction begins. Recommendation: The EPA recommends that agency consultations continue and the FEIS should not be issued until all consultations are completed. Consistent with Executive Order 13807, 'One Federal Decision', FERC should consider concurrent environmental review efforts	
	under NEPA and a commitment to process enhancements.	
2	Alternative Power Source for the Refrigeration Compressors and Emissions: The DEIS	
Et a c	provides an estimate of emissions and comparison between gas-fired compressors stations and electric compressors. The analysis reports that electric compressors generate more emissions than gas-fired compressors (Table 3.7-1).	
FA2-5	Recommendation: The analysis only considered 'no-local emissions' and concludes that gas- fired compressors are the preferred alternative. The EPA recommends analyzing local emissions as well and include this information (and table) in the FEIS. Furthermore, the FEIS could inform	
	the public why the mitigation of long range emissions deserves more consideration than the mitigation of local emissions that it might probe noticeable due to the cumulative impacts from a variety of projects in the area.	
1		
		20 A

- FA2-2 As stated in Gulf LNG's January 7, 2019 filing with the FERC (accession number 20190107-5151), Gulf LNG would work with the MDEQ to develop effective treatment methods for outfalls which may include the use of filter covers.
- FA2-3 Sections 3.5 4.4 of the EIS has been revised to include an updated discussion regarding wetland impacts at CSA-5. Gulf LNG indicated that it would not be feasible to relocate CSA-5 within the BCDMMS as this area is an active dredge disposal location that would be periodically inundated with dredge spoil and water.
- FA2-4 Sections 1.2 and 4.7 of the EIS have been revised to provide an updated status on consultations with the FWS and the NMFS. On February 22, 2019, the FWS agreed with our determinations of effects for those species under their jurisdiction. A response from the NMFS has not been received. Because ESA consultation with NMFS is not complete, we recommend that Gulf LNG should not begin any project construction until FERC staff completes ESA consultation with NMFS for the Project.

FA2-5 Section 3.7.1 of the EIS has been revised.

FA2 – United States Environmental Protection Agency

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FA2-6	Air Quality and Environmental Justice (EJ) Analysis: The DEIS provides a traffic analysis showing data from 2014 and modeled to projected traffic to 2019. The DEIS recommended submitting an updated Traffic Impact Analysis prior to the end of the DEIS comment period. Recommendation: The EPA looks forward to reviewing the new Traffic Impact Analysis in the FEIS. In addition, the EPA recommends revisiting the EJ analysis since new traffic information will be available and possible updated information regarding the schedule overlap with other
	local projects.
FA2-7	Additional Technical Recommendations: In 2014, EPA estimated that the transmission and storage sector accounts for 13% of the total methane emissions from the oil and natural gas industry. The EPA reported that Reciprocating Compressors account for 35% of the emissions from this sector. The EPA created the Natural Gas STAR Program that provides a framework for partner companies with U.S. oil and gas operations to implement methane reducing technologies and practices. We would like to encourage the applicant to join this program and find out its many benefits at: <u>https://www.epa.gov/natural-gas-star-program</u>
	The EPA has issued three final rules that together will curb emissions of methane, smog-forming volatile organic compounds (VOCs) and toxic air pollutants such as benzene from new, reconstructed, and modified oil and gas sources, while providing greater certainty about Clean Air Act permitting requirements for the industry. To comply with these rules please see: https://www3.epa.gov/airguality/oilandgas/actions.html . Please note: these rules are under review and public comments are due December 17, 2018. Please follow the link above for present compliance of rules until the review is final.
FA2-8	 The EPA recommends that FERC's applicant consider the 'Clean Diesel' initiative by implementing diesel controls, cleaner fuel, and cleaner construction practices for on-road and off-road equipment used for transportation, soil movement, or other construction activities, including: Strategies and technologies that reduce unnecessary idling, including auxiliary power units, the use of electric equipment, and strict enforcement of idling limits; and Use of clean diesel through add-on control technologies like diesel particulate filters and diesel oxidation catalysts, repowers, or newer, cleaner equipment.
	For more information on diesel emission controls in construction projects, please see: <u>http://www.northeastdiesel.org/pdf/NEDC-Construction-Contract-Spec.pdf</u>
FA2-9	Regarding pipeline safety technologies, the EPA would like to take the opportunity to inform you about technologies that provide an advanced risk analysis tool called the 'intelligent pipeline' that could help determine preventative measures along the pipeline system without reaching the point of an emergency shut-down of the system. The Gulf LNG project could benefit from this type of technology due to its environmental location.

FA2-6 Section 4.9.6 of the EIS has been revised to include an updated traffic analysis.

- FA2-7 As stated in Gulf LNG's January 7, 2019 filing with the FERC (accession number 20190107-5151), Gulf LNG's operator, Kinder Morgan, Inc., is a member of the STAR Program.
- FA2-8 As stated in Gulf LNG's February 11, 2019 filing with the FERC (accession number 20190211-5019), Gulf LNG agrees to comply with the New Source Performance Standards. Gulf LNG states the Source Determination Rule and Indian Country Minor New Source Review Program are not applicable to the Gulf LNG Liquefaction Project. Gulf LNG would require the use of ultralow sulfur diesel fuel and implement and enforce equipment idling rules in compliance with the Clean Diesel Initiative.
- FA2-9 Safety is discussed in section 4.12.

FA2 – United States Environmental Protection Agency

20181217-5299 FERC PDF (Unofficial) 12/17/2018 3:21:42 PM Additional Documents: The EPA recommends including concurrence point letters/emails in the FA2-10 FEIS from relevant agencies in charge of affected resources, such as endangered species and cultural resources issues.

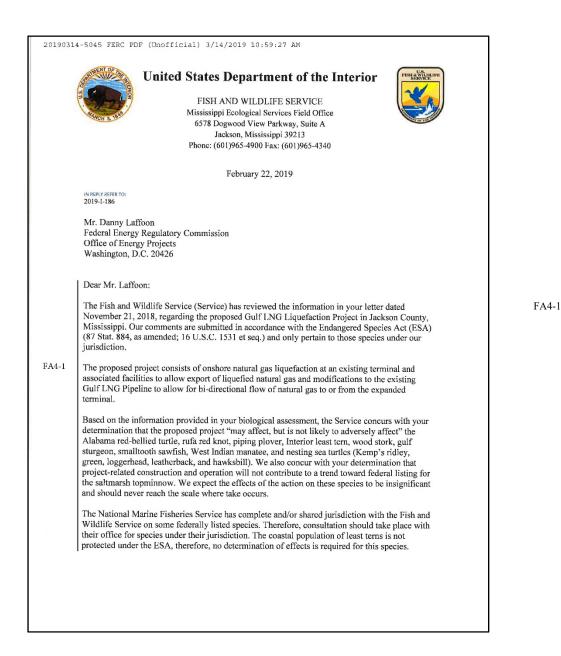
FA2-10 In order to streamline our documents, all agencies letters are available on eLibrary. The accession number for concurrence letters can be found in the footnotes of section 1 of the final EIS.

FA3 – United States Department of Interior

20181221-5006 FERC PDF (Unofficial) 12/21/2018 8:48:56 AM **United States Department of the Interior** OFFICE OF THE SECRETARY Office of Environmental Policy and Compliance Richard B. Russell Federal Building 75 Ted Turner Drive, S.W., Suite 1144 Atlanta, Georgia 30303 ER 18/0536 9043.1 December 21, 2018 Ms. Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First Street NE Washington, DC 20426 Re: Comments on the Draft Environmental Impact Statement (DEIS) for the Proposed Gulf LNG Liquefaction Project, FERC No. CP15-521-000, Jackson County, Mississippi Dear Ms. Bose: FA3-1 The U.S. Department of the Interior (Department) has reviewed the Draft Environmental Impact Statement (DEIS) for the Proposed Gulf LNG Liquefaction Project in Jackson County, Mississippi. We have no comments at this time. Thank you for the opportunity to provide comments on this project. I can be reached on (404) 331-4524 or via email at joyce stanley@ios.doi.gov. Sincerely Joyce Stanley, MPA Regional Environmental Officer cc: Christine Willis - FWS Michael Norris - USGS Anita Barnett - NPS Chester McGhee - BIA OEPC - WASH

FA3-1 Comment acknowledged.

FA4 – United States Fish and Wildlife Service



FEDERAL AGENCIES

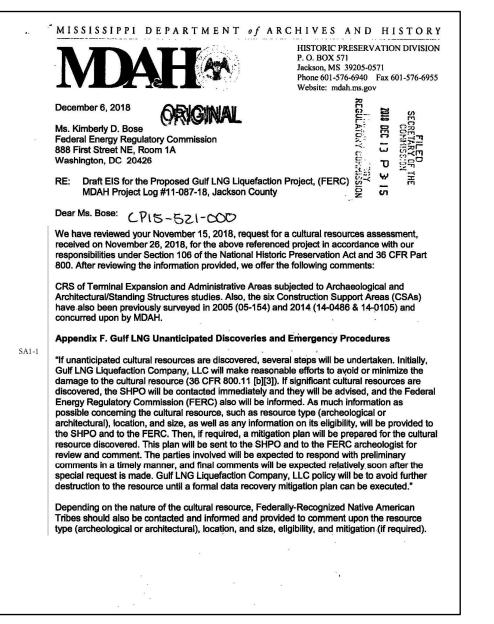
Comment acknowledged.

FA4 – United States Fish and Wildlife Service

FA4-1 cont'd	No further consu scope or location Draft Environme of our office, tele	of the prop ental Impact	osed projec Statement.	t. Additionall If you have a	y, the Ser	rvice has no co	mments on t	ne
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STATE AGENCY COMMENTS

SA1 – Mississippi Department of Archives and History



SA1-1 Section 4.10.4 of the EIS has been revised to address the SHPO's recommended revisions to expand the list of federally Native American tribes and include notification to the tribes of any unanticipated cultural resources. A revised *Unanticipated Discoveries and Emergency Procedures* has been included in appendix F.

STATE AGENCY COMMENTS

SA1 – Mississippi Department of Archives and History

Ms. Bose December 6, 2018 Page Two Furthermore, it is strongly recommended that FERC be the party contacting the Tribes and that the list of Tribes be expanded to include the Jena Band of Choctaw Indians, the Choctaw Nation of Oklahoma, the Chickasaw Nation, the Tunica-Biloxi Tribe of Louisiana, the SA1-1 cont'd Muscogee (Creek) Nation, and the Quapaw Tribe of Oklahoma in addition to the Mississippi Band of Choctaw Indians and the Eastern Band of Cherokee Indians for inadvertent discoveries and the discovery and/or disturbance of human remains Should there be additional work in connection with the project, or any changes in the scope of work, please let us know in order that we may provide you with appropriate comments in compliance with the above referenced regulations. If you have any questions, please do not hesitate to contact us at (601) 576-6940. Sincerely, Hal Bell **Review and Compliance Officer** FOR: Katie Blount State Historic Preservation Officer

IND1 – Barbara Weckesser

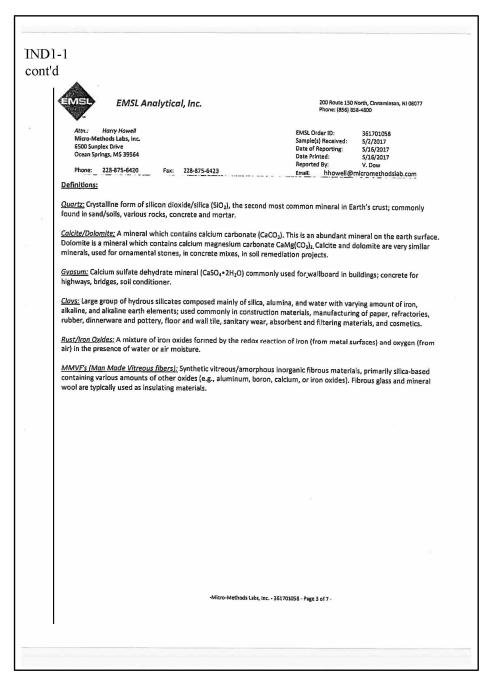
IND1-1 The one neighborhood of live in can take no more emmissions from any where. Ult was my undustanding this LNG would not be processing but shipping & receiving The letter I received made mention to places. Churon your agoinging Title 5 company already puts out over the limit for us to breathe. I am submitting 2 pages from 2 different reports of what we are having to breather, lask before any permit is done look at removing residents from all these chemicals by the way this sub. was here before industry. Does clean air water act speak for residents must not or something Would have already been down for these residents, finculy, Barbara Wiekiesu 15-02 Cherokie Pascagow

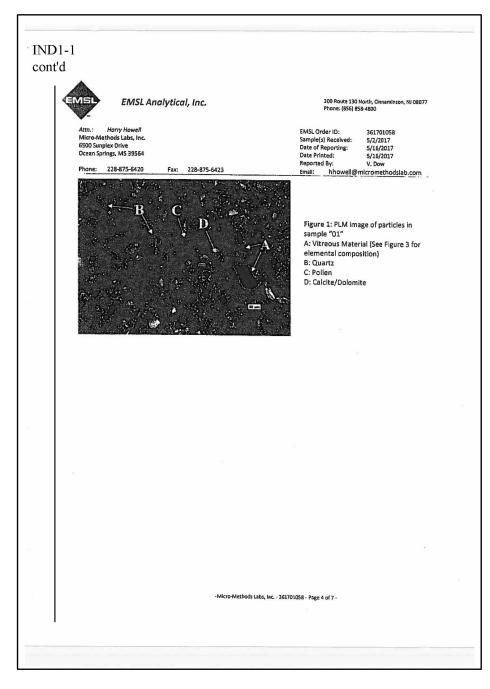
IND1-1 The commenter's statements regarding Chevron are acknowledged. See table 4.13.1-1 and sections 4.13.1.3 and 4.13.2.13 of the EIS.

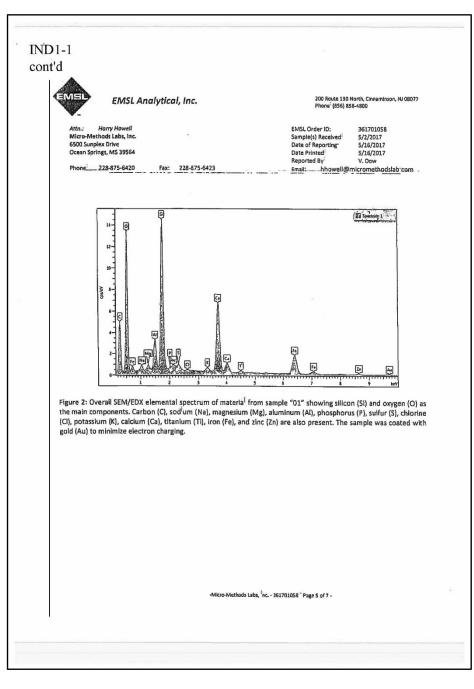
As detailed in section 4.11, Gulf LNG conducted air dispersion modeling for compliance with the NAAQS and PSD increments as required before issuance of the air quality permit. The Clean Air Act identifies two types of NAAQS. Primary standards provide public health protection, including protecting the health of "sensitive" populations such as asthmatics, children, and the elderly. Secondary standards provide public welfare protection, including protection against decreased visibility and damage to animals, crops, vegetation, and buildings. These standards reflect the latest scientific knowledge and have an adequate margin of safety intended to address uncertainties and provide a reasonable degree of protection. The EPA is continually researching the underlying causes of specific health effects in order to development and design strategies to protect children and adults from air pollutants and improve community health. Sources subject to PSD, such as Gulf LNG, have more stringent regulations to prevent the air quality in clean areas from deteriorating to the level set by the NAAQS. NAAQS are a maximum allowable concentrations, and PSD increments are the maximum allowable increases in concentration that are allowed to occur above baseline concentrations for a pollutant. This process ensures that an adequate level of modeling is conducted to protect human health and welfare, and to preserve existing clean air resources.

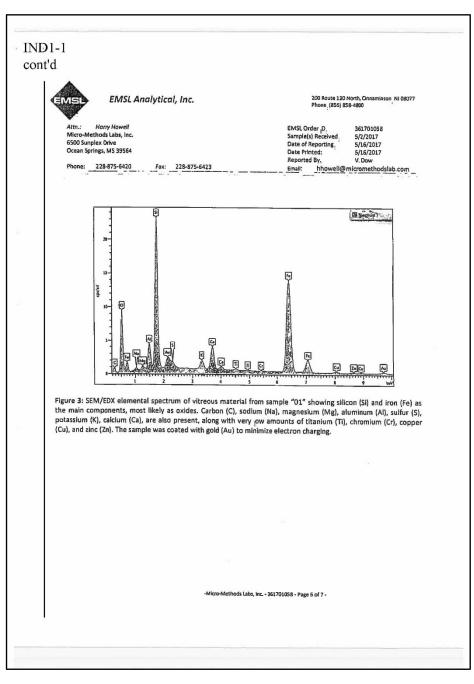
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Phone: 228-875-6420	Fax: 228-875-6423	Email: hhowell@r	nicromethodslab.com
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	Eugenia Mirica, Ph.D. Laboratory Manager	-	Date
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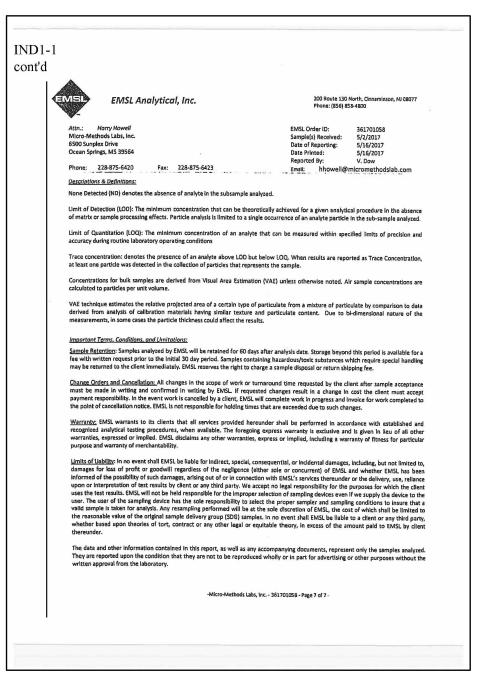
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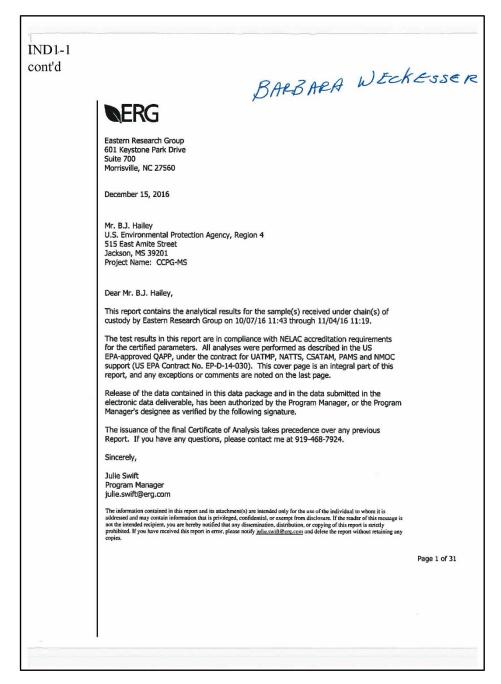






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ERG	CERTIF	ICATE OF	ANALYSIS	
U.S. Environmental Protect 515 East Amite Street Jackson, MS 39201 ATTN: Mr. B.J. Hailey	tion Agency, Region 4		FILE #: 0344.00 REPORTED: 12/15/16 SUBMITTED: 10/07/ AQS SITE CODE:	
PHONE: (601) 961-5783	FAX: (919) 541-0516			PG-MS
	ANALYTIC	AL REPORT FO	R SAMPLES	
SampleName	LabNumber	Matrix	Sampled	Received
CCPG-MS D2	6100715-02	Air	10/04/16 23:50	10/07/16 11:43
CCPG-MS D1	6102801-01	Air	10/27/16 09:51	10/28/16 12:14
CCPG-MS D2	6102801-02	Air	10/27/16 09:53	10/28/16 12:14
CCPG-MS C1	6110404-01	Air	11/02/16 12:53	11/04/16 11:19
CCPG-MS C2	6110404-02	Air	11/02/16 12:53	11/04/16 11:19
Eastern Research Grou	p	The chai	results in this report apply only to n of custody document. This anal	o the samples analyzed in accordance with th yical report must be reproduced in its entire Page 2 (

CERTIFICATE OF ANALYSIS U.S. Environmental Protection Agency, Region 4 FILE #: 0344.00 515 East Amite Street REPORTED: 12/15/16 10:23 Jackson, MS 39201 SUBMITTED: 10/07/16 to 11/04/16 ATTN: Mr. B.J. Halley AQS STRE CODE: PHONE: (601) 981-5783 FAX: (919) 541-0516 STE CODE: Description: CCPG-MS D2 Lab JD: 6100715-02 Sampled: 10/04/16 23: Pressure @ Reccipt: 7.00° Hg Canister #: SAT036 Received: 10/07/16 11:4 Comments: Dup 2 Analyzed: 10/12/16 17:4 Analyzed: 10/12/16 17:4 Archines 0.139 0.23 0.031 Prosphere 0.139 0.23 0.031 Prosphere 0.022 0.034 0.025 Chiromethane 0.012 0.025 0.024 0.032 Dichoroethane 0.012 0.025 0.024 0.033 Dichoroethane 0.012 0.025 0.025 0.025 Continets 0.022 0.031 0.025 0.025 Continets 0.022 0.025 0.025 0.025 <th></th> <th>0</th> <th>EDT</th> <th></th> <th></th> <th></th>		0	EDT			
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Nethyl (End-Burg) Ether ND ND U 0.009 Odvorprene ND ND U 0.010 Odvorprene ND ND U 0.010 Bromochiaromethane 0.034 0.18 C.011 Bromochiaromethane 0.022 0.11 C.012 1.2-Dichlorocethane 0.033 0.02 U 0.012 1.2-Dichlorocethane 0.033 0.02 U 0.015 Benzene C4/02 1.29 C0.015 Carbon Tetrachloride 0.058 0.37 C.016 Lit-Arm/ Methyl Ether ND ND U 0.017 Carbon Tetrachloride 0.058 0.37 C.016 Lit-Arm/ Methyl Ether ND ND U 0.017 Carbon Tetrachloride ND ND 0.017 Li-Dichloropropane ND ND U 0.019 Carbon Tetrachloride ND ND 0.021 Methyl Metharytatt ND ND U 0.021 Carbon Tetrachloride						
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Bromochlaromethane 0.034 0.18 0.013 Chloroform 0.022 0.11 0.012 Ethyl tet-Butyl Ether NO ND U 0.012 L1,2-bichloroethane 0.03 0.02 U 0.013 J,1,3-Trickiloroethane 0.03 0.02 U 0.013 Benzene 0.402 1.39 0.021 Corton Tetrachloride Carbon Tetrachloride 0.055 0.37 0.016 Ext-Amy Methyl Ether ND ND U 0.017 1,2-Dichloropropane ND ND U 0.017 Ext-Amy Methyl Ether ND ND U 0.017 1,2-Dichloropropane ND ND U 0.019 Trickinoethylene ND ND U 0.027 Bormodichoromopane ND ND U 0.021 Catis-13-Dichloropropene ND ND 0.022 Utans: 1.3-Dichloropropene ND ND ND 0.021 0.021<	Chloroprene	ND	ND	U	0.010	
Chloroform 0.022 0.11 0.012 Eth/ tart-Bux/ Ether NO NO U 0.012 1.2-blchlororethane 0.03 0.02 U 0.013 1.1.1.7-fickloroethane 0.03 0.02 U 0.015 Benzene 0.02 1.39 0.021 0.015 Carbon Tetrachloride 0.058 0.37 0.016 Lit-ArM Methyl Ether ND ND U 0.017 1.2-blchloropropane ND ND U 0.019 Ethyl Asrylate ND ND U 0.019 Tirkdinorethylene ND ND U 0.021 Methyl Methacrylate ND ND 0.022 U				U		
1,2-Dichloropethane 0.013 0.05 0.013 1,1,1-Trichloropethane 0.003 0.02 U 0.013 Benzene 0.402 1.29 0.021 Carbon Tetrachloride 0.058 0.37 0.016 tetr-dwr/ Methyl Biber ND ND U 0.017 Ly-Dichloroporpane ND ND U 0.019 Borm Addichloromethane ND ND U 0.019 Tridhlonethylene ND ND U 0.019 Tridhlonethylene ND ND U 0.021 Methyl Methacrylate ND ND U 0.019 Tridhlonethylene ND ND U 0.021 Methyl Methacrylate ND ND U 0.022 Tridhlonethylene ND ND U 0.021 Tridhlonethylene ND ND U 0.022 Tridhlonethylenethylene ND ND U 0.021 Trid						
1,1,1-Trickloroethane 0.003 0.02 U 0.015 Benzene 0.402 1.29 0.021 Carbon Tetrachloride 0.058 0.37 0.016 Letr-Am/ Methyl Eber ND ND U 0.017 1,2-Dichloropropane ND ND U 0.017 1,2-Dichloropropane ND ND U 0.017 Stromodichloromethane ND ND U 0.016 Methyl Metherylate ND ND U 0.016 Methyl Metherylate ND ND U 0.027 dis1,3-Dichloropropene ND ND U 0.027 dis1,3-Dichloropropene ND ND U 0.022 trans-1,3-Dichloropropene ND ND U 0.022 trans-1,3-Dichloropropene ND ND U 0.020 Tollenee 1.82 6.87 0.017 Dibronolaromethane				U		
Benzene 0.402 1.29 0.021 Carbon Tetrachloride 0.058 0.37 0.616 tet-Amyl Methyl Ether ND ND 0.017 1,2-Okilonopropane ND ND 0.019 Ethyl Acrylate ND ND 0.019 Bromodikloromethane ND ND 0.019 Tidklonethylene ND ND 0.016 Methyl Kehnerydate ND ND 0.027 dis-1,3-Okilonopropene ND ND 0.027 tidknoethylene 0.109 0.022 0.022 trans-1,3-Okilonopropene ND ND 0.027 1,3-Dicklonopropene ND ND 0.022 trans-1,3-Okilonopropene ND ND 0.021 Toluene 1.82 6.87 0.021 Dibromothloromethane ND ND 0.021				и		
tert-Amy Methyl Ether ND ND V 0.017 1,2-Dichloropropane ND ND U 0.017 1,2-Dichloropropane ND ND U 0.017 Bromodichloromethane ND ND U 0.019 Trickloneethylene ND ND U 0.019 Trickloneethylene ND ND U 0.016 Methyl Methacylate ND ND U 0.027 dis1_3-Dickloropropene ND ND U 0.027 transr_1_3-Dickloropropene ND ND U 0.027 Tollenee 1.82 6.87 0.017 Dibromothloromethane ND VU 0.021	Benzene	0.402	1.29	•	0.021	
L2-Dichloroprogane ND ND U 0.019 Ethyl Acylate ND ND U 0.027 Bromadkloroprogene ND ND U 0.019 Trickloresthylene ND ND U 0.019 Wethyl Kethareytate ND ND U 0.016 Methyl Kethareytate ND ND U 0.027 Cis-1.3-Dickloropropene ND ND U 0.027 Ly.2-Trickloresthane ND ND U 0.027 Ly.2-Trickloresthane ND ND U 0.027 Dibromodyloromethane ND ND U 0.027						
Ethyl Acrylate ND ND U 0.027 Branddidhomethane ND ND U 0.019 Trichlonethrylene ND ND U 0.016 Methyl Nethacrylate ND ND U 0.027 Gis1_3-Dicklorenpropene ND ND U 0.027 Methyl Isobutyl Ketone 0.109 0.45 0.022 transel_3-Dicklorenpropene ND ND U 0.021 Tollene ND ND U 0.020 Dibromodhloronethane ND ND U 0.020						
Trichlonethylene ND ND U 0.016 Methyl Nethacryste ND ND U 0.027 Gis1_3-DickTompopene ND ND U 0.027 Methyl Isobutyl Ketone 0.109 0.45 0.022 Insne;1_3-DickTompopene ND ND U 0.027 1,1,2-Trichloroothane ND ND U 0.020 Toluene 1.82 6.87 0.017	Ethyl Acrylate	ND	ND	U	0.027	
Methyl Methacylate ND ND V 0.027 ois-1_3-Dichlorpropene ND ND V 0.027 dis-1_3-Dichlorpropene ND ND V 0.021 trans-1_3-Dichlorpropene ND ND U 0.022 trans-1_3-Dichlorpropene ND ND U 0.027 1_1,2-Trichlorpropene ND ND U 0.027 Toluene 1.82 6.87 0.017 Dibromothoromethane ND V 0.027						
cis-1,3-Dichloropropene ND ND U 0,020 Methyl Isobutyl Ketone 0,109 0.45 0,022 Imms, 1,3-Dichloropropene ND ND U 0,027 J,1,2-Tichloropethane ND ND U 0,027 J,1,2-Tichloropethane ND ND U 0,020 Toluene 1.82 6.87 0,017 Dibromodriaromethane ND ND U 0,021						
trans-1,3-Dichloropropene ND ND U 0,027 1,1,2-Tichlonoethane ND ND U 0,020 Toluene 1,82 6,87 0,011 Dibromochloromethane ND ND U 0,021	cis-1,3-Dichloropropene			U	0,020	
1,1,2-Trichloroethane ND V 0,020 Toluene 1.82 6.87 0.017 Dibmonduloromethane ND V 0,021						
Dibromochioromethane ND V 0,021						
	Dibioniodilloiomediane	лb	NU	°,	0.021	
Eastern Research Group The results in this report apply only to the samples analyzed in accordance w chain of custody document. This analytical report must be reproduced in its o	Eastern Research Group				The resi chain oj	ults in this report apply only to the samples analyzed in accordance with t of custody document. This analytical report must be reproduced in its entir

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NERG	C	ERI	FIFICAT	E OF /	ANALYSIS			
U.S. Environmental Protection Ag	ency, Re	gion 4			FILE #: 0344.00			
515 East Amite Street		-			REPORTED: 12/1	5/16 10:23		
Jackson, MS 39201					SUBMITTED: 10	0/07/16 to	11/04/16	
ATTN: Mr. B.J. Hailey					AQS SITE CODE:		_	
PHONE: (601) 961-5783 FAX: Description: CCPG-MS D2	(919) 54	41-0516		6100715-02	SITE CODE:	CCPG-M		04/16 22-52
Pressure @ Receipt: 7.00" Hg			Canister #:				-	0/04/16 23:50 0/07/16 11:43
Comments: Dup 2								0/12/16 17:41
			ics by EPA		ium Method TO			
Analyte	Res poby	ults ug/m ³	Flag	MDL ppbv				
1,2-Dibromoethane	ND	ND	U	0.021				
n-Octane Tetrachloroethylene	0.116	0.54		0.018				
Chlorobenzene Ethylbenzene	ND 0.179	ND 0.78	U	0.020				
m,p-Xylene Bromoform	0.743 ND	3.23 ND	U	0.040				
Styrene 1,1,2,2-Tetrachloroethane	0.068 ND	0.29 ND	U	0.021				
o-Xylene	0.302	1.31	5	0.020				
1,3,5-Trimethylbenzene 1,2,4-Trimethylbenzene	0.134 0.416	0.65		0.024				
m-Dichlorobenzene p-Dichlorobenzene	ND 0.012	ND 0.07	U U	0.024				
o-Dichlorobenzene 1,2,4-Trichlorobenzene	ND	ND ND	U U	0.027				
Hexachloro-1,3-butadiene	ND	ND	U	0.042				
Eastern Research Group					elts in this report apply a f custody document. This			
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U.S. Environmental Protection A	gency, Re	gion 4			FILE #: 0344.00
515 East Amite Street		-			REPORTED: 12/15/16 10:23
Jackson, MS 39201					SUBMITTED: 10/07/16 to 11/04/16
ATTN: Mr. B.J. Hailey					AQS SITE CODE:
PHONE: (601) 961-5783 FAX	(: (919) 54	41-0516			SITE CODE: CCPG-MS
Description: CCPG-MS D1				102801-01	1 Sampled: 10/27/16 09:51
Pressure @ Receipt: 8.00" Ho	9	c	Canister #:	5132	Received: 10/28/16 12:14
Comments:					Analyzed: 11/03/16 19:22
		lir Toxic	s by EPA C		lium Method TO-15
Analyte		uq/m ³	<u>Flaq</u>	<u>MDL</u> ppbv	
Acetylene	0.296	0.32		0.029	
Propylene Dichlorodifluoromethane	4.09 0.537	7.05		0.054	
Chloromethane	0.721	1.49		0.034	
Dichlorotetrafluoroethane Vinyl chloride	0.060	0.42	U	0.031	
1,3-Butadiene	0.029	0.06		0.026	
Bromomethane Chioroethane	0.025	0.10		0.025	
Acetonitrile	0.298	0.50		0.025	
Acrolein	ND	ND	INT, U	0.120	
Trichlorofluoromethane Acrylonitrile	0.314 ND	1.77 ND	U	0.020	
1,1-Dichloroethene	ND	ND	ŭ	0.023	
Dichloromethane Carbon Disulfide	0.104	0.36		0.021	
Trichlorotrifluoroethane	0.022	0.07		0.020	
trans-1,2-Dichloroethylene	ND	ND	U	0.012	
1,1-Dichloroethane Methyl tert-Butyl Ether	ND ND	ND	U	0.012 0.009	
Chloroprene	ND	ND	Ŭ	0.010	
cis-1,2-Dichloroethylene	ND	ND	u	0.014	
Bromochloromethane Chloroform	0.079	0.42		0.013	
Ethyl tert-Butyl Ether	ND	ND	u	0.012	
1,2-Dichloroethane 1,1,1-Trichloroethane	0.022	0.09	U	0.013	
Benzene	0.355	1.14	ů,	0.021	
Carbon Tetrachloride	0.115	0.73		0.016	
tert-Amyl Methyl Ether 1,2-Dichloropropane	ND	ND ND	UUU	0.017	
Ethyl Acrylate	ND	ND	U	0.027	
Bromodichloromethane Trichloroethylene	ND	ND ND	U U	0.019	
Methyl Methacrylate	ND	ND	u	0.015	
cis-1,3-Dichloropropene	ND	ND	u	0.020	
Methyl Isobutyl Ketone trans-1,3-Dichloropropene	0.144 ND	0.59 ND	U	0.022	
1,1,2-Trichloroethane	ND	ND	Ŭ	0.020	
Toluene Dibromochloromethane	1.42 0.005	5.36 0.04	u	0.017	
DioronoLinorometrizite	0.005	0.04		0.021	
Eastern Research Group				The resi	ults in this report apply only to the samples analyzed in accordance with th
				chain oj	f custody document. This analytical report must be reproduced in its entire
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EPC	C	ERT	IFICAT	E OF /	ANALYSIS	
U.S. Environmental Protection Age 515 East Amite Street	ency, He	igion 4			FILE #: 0344.00 REPORTED: 12/15/16 10:2	•
Jackson, MS 39201					SUBMITTED: 10/07/16 to	
ATTN: Mr. B.J. Hailey					AQS SITE CODE:	100410
PHONE: (601) 961-5783 FAX:	(919) 54	41-0516			SITE CODE: CCPG-N	IS
Description: CCPG-MS D1			Lab ID:	5102801-01		Sampled: 10/27/16 09:51
Pressure @ Receipt: 8.00" Hg		,	Canister #:	5132		Received: 10/28/16 12:14
Comments:				_		Analyzed: 11/03/16 19:22
			cs by EPA		ium Method TO-15	
Analyte	Res ppbv	ults ua/m ³	Flag	MDL ppby		
1,2-Dibromoethane	ND	ND	U	0.021		
n-Octane Tetrachloroethylene	0.100	0.47	U	0.018		
Chlorobenzene Ethylbenzene	ND 0.183	ND 0.80	U	0.020		
m,p-Xylene	0.183	2.61		0.019		
Bromoform Styrene	ND 0.037	ND 0.16	U	0.024		
1,1,2,2-Tetrachloroethane	ND	ND	U	0.030		
o-Xylene 1,3,5-Trimethylbenzene	0.233	1.01		0.020		
1,2,4-Trimethylbenzene	0.304	1.50		0.024		
m-Dichlorobenzene p-Dichlorobenzene	ND ND	ND ND	u u	0.024		
o-Dichlorobenzene	ND ND	ND	UUU	0.027		
1,2,4-Trichlorobenzene Hexachloro-1,3-butadlene	ND	ND ND	u	0.035		
Eastern Research Group				The rest chain oj	ilts in this report apply only to the sa f custody document. This analytical r	mples analyzed in accordance with eport must be reproduced in its enti-

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U.S. Environmental Protection A	Agency, H	egion 4			FILE #: 0344.		
515 East Amite Street					REPORTED: 1		
Jackson, MS 39201					SUBMITTED:		to 11/04/16
ATTN: Mr. B.J. Hailey					AQS SITE CO	DE:	
PHONE: (601) 961-5783 FAX	(; (919) 5	541-0516		-	SITE CODE:	CCPO	3-MS
Description: CCPG-MS D2				5102801-02			Sampled: 10/27/16 09:53
Pressure @ Receipt: 8.50" Ho	3		Canister #:	5069			Received: 10/28/16 12:14
Comments: Dup 2							Analyzed: 11/03/16 20:25
			ics by EPA		ium Method	TO-15	
Analyte		suits	Ele-	MDL			
Acetylene	0,318	<u>ug/m³</u> 0.34	<u>Flag</u>	0.029			
Propylene	4.09	7.05		0.054			
Dichlorodifluoromethane Chloromethane	0.551	2.73 1.45		0.020			
Dichlorotetrafluoroethane	0.700	0.43		0.034			
Vinyl chloride	0.026	0.07	U	0.032			
1,3-Butadiene Bromomethane	0.029	0.06		0.026			
Chloroethane	0.087	0.23		0.029			
Acetonitrile Acrolein	0.159	0.27		0.051			
Trichlorofluoromethane	0.721	1.66 1.84	D-F	0.120			
Acrylonitrile	ND	ND	U	0.030			
1,1+Dichloroethene Dichloromethane	ND 0.132	ND 0.46	U	0.023			
Carbon Disulfide	0.014	0.04	U	0.021			
Trichlorotrifluoroethane	0.084	0.65		0.017			
trans-1,2-Dichloroethylene 1,1-Dichloroethane	ND ND	ND ND	U U	0.012			
Methyl tert-Butyl Ether	ND	ND	U	0.009			
Chloroprene cis-1,2-Dichloroethylene	ND ND	ND ND	UU	0.010			
Bromochloromethane	0.078	0.41	U	0.014			
Chloroform	0.042	0.21		0.012			
Ethyl tert-Butyl Ether 1,2-Dichloroethane	ND 0.022	ND 0.09	U	0.012			
1,1,1-Trichloroethane	0.008	0.04	u	0.015			
Benzene Carbon Tetrachloride	0.335	1.07		0.021			
tert-Amyl Methyl Ether	0.117 ND	0.74 ND	บ	0.016			
1,2-Dichloropropane	ND	ND	IJ	0.019			
Ethyl Acrylate Bromodichloromethane	ND ND	ND ND	น บ	0.027			
Trichloroethylene	ND	ND	U	0.019 0.016			
Methyl Methacrylate	ND	ND	U	0.027			
cis-1,3-Dichloropropene Methyl Isobutyl Ketone	ND 0.067	ND 0.28	U	0.020			
trans-1,3-Dichloropropene	ND	ND	U	0.027			
1,1,2-Trichloroethane Toluene	ND 1.45	ND	U	0.020 0.017			
Dibromochloromethane	0.005	0.04	U	0.021			
Eastern Research Group				The resu	lts in this report app	ly only to the	samples analyzed in accordance with the
				chain of	custody document.	This analytic	al report must be reproduced in its entired
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U.S. Environmental Protection Ag	ency. Region 4			FILE #: 0344.0	00		
515 East Amite Street				REPORTED: 1			
Jackson, MS 39201					10/07/16 to 11/0	4/16	
ATTN: Mr. B.J. Hailey				AQS SITE COL			
PHONE: (601) 961-5783 FAX:	(919) 541-051	6		SITE CODE:	CCPG-MS		
Description: CCPG-MS D2		Lab ID:	6102801-02		San	pled: 10/27/16 09:53	
Pressure @ Receipt: 8.50" Hg		Canister #	: 5069			eived: 10/28/16 12:14	
Comments: Dup 2						yzed: 11/03/16 20:25	
AC STREET		xics by EPA		ium Method 1	FO-15		
Analyte	Results	3	MDL				
1,2-Dibromoethane	ND ND	<u>Flaq</u> U	0.021				
n-Octane	0.082 0.38		0.018				
Tetrachloroethylene Chlorobenzene	0.009 0.06 ND ND	u U	0.016				
Ethylbenzene m,p-Xylene	0.188 0.82 0.633 2.75		0.019				
Bromoform	ND ND	U	0.024				
Styrene 1,1,2,2-Tetrachloroethane	0.040 0.17 ND ND	ť	0.021				
o-Xylene 1,3,5-Trimethylbenzene	0.241 1.05		0.020				
1,2,4-Trimethylbenzene	0.309 1.52		0.024				
m-Dichlorobenzene p-Dichlorobenzene	ND ND ND ND	U U	0.024 0.023				
o-Dichlorobenzene 1,2,4-Trichlorobenzene	ND ND ND ND	U U	0.027				
Hexachloro-1,3-butadiene	ND ND	Ū	0.042				
1							
Eastern Research Group			The resu	lts in this report appl	ly only to the samples	analyzed in accordance with t nust be reproduced in its entir	he
			chain ty	custouv abcument. I	nis unarytical report i	nusi ve reproduced in its entir	ery.
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U.S. Environmental Protection A	Agency, R	egion 4			FILE #: 0344.		
515 East Amite Street Jackson, MS 39201					REPORTED: 1		
ATTN: Mr. B.J. Hailey					SUBMITTED:		to 11/04/16
PHONE: (601) 961-5783 FAX	V. (010) F	41 0616			AQS SITE COL SITE CODE:		0.110
Description: CCPG-MS C1	K. (919) .	(H-1.77)	Lab ID: 6	110404-01	2 10000 1000-00 00-00	UCP	G-MS
Pressure @ Receipt: 8.00" He			Canister #:				Sampled: 11/02/16 12:53
Comments: Col 1	9		Conster #.	341020			Received: 11/04/16 11:19 Analyzed: 11/09/16 15:42
		Air Tovi	cc by EDA (Compand	ium Makhad '	FO 15	Analyzeu: 11/09/10 13.42
		sults	CO UY EPA (ompena. <u>MDL</u>	ium Method	10-15	
Analyte		ug/m ³	Flag	pobv			
Acetylene Propylene	0.167	0.18		0.029			
Dichlorodifluoromethane	0.427	2.12		0.020			
Chloromethane Dichlorotetrafluoroethane	0.455	0.94		0.034 0.031			
Vinyl chloride	0.015	0.04	u	0.032			
1,3-Butadiene Bromomethane	0.016	0.04	U	0.026			
Chloroethane	0.020	0.10	0	0.025			
Acetonitrile Acrolein	0.100	0.17		0.051			
Acrolein Trichlorofluoromethane	0.282	0.65		0.120			
Acrylonitrile	ND	ND	u	0.030			
1,1-Dichloroethene Dichloromethane	0.007	0.03	U	0.023			
Carbon Disulfide	0.077	0.27		0.021			
Trichlorotrifluoroethane	0.075	0.58		0.017			
trans-1,2-Dichloroethylene 1,1-Dichloroethane	0.009	0.04	U	0.012			
Methyl tert-Butyl Ether	0.012	0.05		0.012			
Chloroprene	ND	ND	U	0.010			
cis-1,2-Dichloroethylene Bromochloromethane	ND 0.042	ND 0.22	U	0.014			
Chloroform	0.042	0.14		0.013			
Ethyl tert-Butyl Ether	0.009	0.04	U	0.012			
1,2-Dichloroethane 1,1,1-Trichloroethane	0.025	0.10	U	0.013 0.015			
Benzene	0.629	2.01	ŭ	0.015			
Carbon Tetrachloride	0.106	0.67		0.016			
tert-Amyl Methyl Ether 1,2-Dichloropropane	ND 0.015	ND 0.07	U U	0.017 0.019			
Ethyl Acrylate	ND	ND	U	0.019			
Bromodichloromethane	ND	ND	u	0.019			
Trichloroethylene Methyl Methacrylate	0.015 ND	0.08 ND	u u	0.016			
cis-1,3-Dichloropropene	ND	ND	U	0.020			
Methyl Isobutyl Ketone trans-1,3-Dichloropropene	0.052 ND	0.21 ND	U	0.022			
1,1,2-Trichloroethane	0.012	ND 0.07	U	0.027			
Toluene	2,06	7.78		0.017			
Dibromochloromethane	0.012	0.10	U	0.021			
Eastern Research Group				The resu chain of	lts in this report app custody document. I	ly only to the This analytic	e samples analyzed in accordance with t al report must be reproduced in its entiri

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	U.S. Environmental Protection Age	ancy B	eninn 4			FILE #: 0344	00	
	515 East Amite Street	110y, 11	ogion 4				12/15/16 10:23	
- 1	Jackson, MS 39201						10/07/16 to 11/04/16	
- 1	ATT'N: Mr. B.J. Hailey					AQS SITE CO		
- 1	· · · ·	(919) 5	41-0516			SITE CODE:	CCPG-MS	
- 1	Description: CCPG-MS C1	(0.0) 0			6110404-01	and the second second second second	and the second second	11/02/16 12:53
- 1	Pressure @ Receipt: 8.00" Hq			Canister #			-	11/02/16 12:53
- 1	Comments: Col 1			Competer m	ORICEO			11/09/16 15:42
			Ale Ter	in he FRA	C			11/09/10 13:42
			AIF I OX sults	ues by EPA	Compend MDL	ium Method	10-15	
	Analyte		ug/m	<u>Flag</u>	ppby			
	1,2-Dibromoethane	0.010	0.08	U	0.021			
	n-Octane Tetrachloroethylene	0.058	0.41	U	0.018			
1	Chlorobenzene	0.011	0.05	Ű	0.020			
	Ethylbenzene m,p-Xylene	0,397	1.73		0.019			
	Bromoform	0.014	0.15	U	0.024			
	Styrene 1,1,2,2-Tetrachloroethane	0.015 ND	0.05 ND	ບ ບ	0.021			
	o-Xylene	0.513	2.23	0	0.020			
	1,3,5-Trimethylbenzene	0.440	2.17		0.024			
- 1	1,2,4-Trimethylbenzene m-Dichlorobenzene	0.012	0.07	U	0.024			
	p-Dichlorobenzene o-Dichlorobenzene	0.014	0.08	U U	0.023			
	1,2,4-Trichlorobenzene	0.012	0.13	ŭ	0.027			
	Hexachloro-1,3-butadiene	0.013	0.14	U	0.042			
1								
1								
1	Eastern Research Group				1010	den in all in		
	Lastern Research Group				chain of	custody document.	ply only to the samples analyzed This analytical report must be	1 in accordance with the reproduced in its entirety.
								Page 10 of 2
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EDC	(CERT	FIFICAT	E OF	ANALYSIS
U.S. Environmental Protection A 515 East Amite Street	gency, H	egion 4			FILE #: 0344. ⁰ 0 REPORTED: 1 ^{2/} 15 [/] 16 10:23
Jackson, MS 39201					SUBMITTED: 10 [/] 07/16 to 11/04/16
ATTN: Mr. B.J. Hailey					AQS SITE CODE:
PHONE: (601) 961-5783 FAX	: (919) 5	41-0516			SITE CODE: CCPG-MS
Description: CCPG-MS C2	()		Lab ID:	6110404-02	
Pressure @ Receipt: 8.50" Hg	1		Canister #		Received: 11/02/10 12:1:
Comments: Col 2					Analyzed: 11/09/16 16:4
		Air Tox	ics by EPA	Compend	dium Method TO-15
	Res	sults		MDL	
Analyte Acctylene	<u>ppbv</u> 0.179	<u>ug/m³</u> 0.19	<u>Flag</u>	<u>ppbv</u> 0.029	1
Propylene	2.60	0.19 4,48		0.029	
Dichlorodifluoromethane Chloromethane	0.452	2.24		0.020	
Dichlorotetrafluoroethane	0.496	1.03		0.034	
Vinyl chloride	0.015	0.04	U	0.032	
1,3-Butadiene Bromomethane	0.012	0.03	ប	0.025	
Chloroethane	0.037	0.10		0,029	
Acetonitrile Acrolein	0.102	0.17		0.051	
Trichlorofluoromethane	0.519	1.19		0.120	
Acrylonitrile	ND	ND	U	0.030	
1,1-Dichloroethene	ND 0.081	ND 0.28	U	0.023	
Carbon Disulfide	0.022	0.28		0.021	
Trichlorotrifluoroethane	0.073	0.56	u	0.017	
trans-1,2-Dichloroethylene 1.1-Dichloroethane	ND 0.009	ND 0.04	U	0.012	
Methyl tert-Butyl Ether	0.006	0.02	UU	0.009	
Chloroprene	ND	ND	U	0.010	
ds-1,2-Dichloroethylene Bromochloromethane	ND 0.043	ND 0.23		0.014	
Chloroform	0.030	0.15	u	0.012	
Ethyl tert-Butyl Ether 1,2-Dichloroethane	0.007	0.03	U	0.012	
1,1,1 [°] Tri ^{ch} loroethane	0.010	0.05	U	0.013	
Benzene	0.650	2.08		0.021	
Carbon Tetrachloride tert-Amyl Methyl Ether	0.108 ND	0.68 ND	U	0.016	
1,2-Dichloropropane	ND	ND ND	U	0.019	
Ethyl Acrylate Bromodichloromethane	ND		U	0.027	
Bromodichloromethane Trichloroethylene	ND 0.012	ND 0.06	u U	0.019 0.016	
Methyl Methacrylate	ND	ND	U	0.027	
ds-1,3-Dichloropropene Methyl Isobutyl Ketone	ND 0.043	ND 0.18	U	0.020	
trans-1,3-Dichloropropene	ND	ND	u	0.022	
1,1,2 [°] Trichloroethane	ND	ND	u	0.020	
Toluene Dibromochloromethane	2.02 0.010	7.63 0.09	U	0.017	
Eastern Research Group				The rest	sults in this report apply only to the samples analyzed in accordance wi
				chain of	of custody document" This analytical report must be reproduced in its er
					Dece -
					Page

U.S. Environmental Protection Agency, Region 4 FILE #: 0344.00 515 East Amite Street REPORTED: 12/15/16 10:23 Jackson, MS 39201 SUBMITTED: 10/07/16 to 11/04/16 ATTN: Mr. B.J. Hailey AQS SITE CODE: PHONE: (601) 961-5783 FAX: (919) 541-0516 Description: CCPG-MS C2 Lab ID: 6110404-02 Pressure @ Receipt: 8.50° Hg Canister #: 5108 Received: 11/04/16 11:19 Comments: Col 2 Air Toxics by EPA Compendium Method TO-15 Results MDL Analyzte Pobb 1,2-01bromoethane 0.019 0.009 0.04 0.021 n-oCtane 0.088 0.41 0.016 Chromethane 0.019 0.024 Syntem 0.010 0.024 0.024 Syntem 0.015 1,1,2-7'Erniethylbenzene 0.412 0.015 0.056 Chromethane 0.015 Chromethane 0.015 1,1,2-7'Erniethylbenzene 0.412 1,1,2-7'Erniethylbenzene 0.015 Chromethane 0.024 S	EDC	(CER	TIFICAT	EOF	ANALYSIS	5		
515 East Amite Street REPORTED: 12/15/16 10:23 Jackson, MS 39201 SUBMITTED: 10/07/16 to 11/04/16 ATTN: Mr. B.J. Hailey AQS SITE CODE: PHONE: (01) 951-5783 FAX: (919) 541-0516 SITE CODE: Description: COPG-MS C2 Lab ID: 611/04/4-02 Pressure @ Receipt: 8.50° Hg Canister #: 5108 Comments: Col 2 Aralyzet: 11/02/16 12:53 Analyzet: 11/02/16 10:10 Analyzet: 11/02/16 16:40 Analyzet: 11/02/16 10:10 Analyzet: 11/02/16 10:40 Analyzet: 11/02/16 10:10 Analyzet: 11/02/16 10:40 Transitytemethane A08 A1 Colse Analyzet: 11/02/16 10:10 Analyzet: 11/02/16 10:10 Analyzet: 11/02/16 10:10 Analyzet: 11/02/16 10:10 Analyzet: 11/02/16 10:10 Analyzet: 11/02/16 10:40 Analyzet: 11/02/16 10:10 Analyzet: 11/02/16 10:10 Analyzet: 11/02/16									
Jackson, MS 39201 SUBMITTE: 10/07/16 to 11/04/16 ATT: W. EJ, Hailey ADS SITE CODE: PHONE: (601) 961-5783 FAX: (919) 541-0516 STE CODE: CCPG-MS Description: CCPG-MS C2 Lab ID: 6110404-02 Smplet: 11/02/16 12:53 Pressure @ Receipt: 8.50' Hg Canister #: 5108 Receive: 11/04/16 11:19 Comments: Col 2 Arabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: Anapyzed: Anapyzed: Anapyzed: Anapyzed: Anapyzed: Anapyzed: Anapyzed: Anapyzed: Anapyzed: 11/09/16 16:40 Anabyzed: 11/09/16 16:40 Anabyzed: Anapyzed: Anapyze		ency, A	egion 4						
ATTN: Mr. B.J. Hailey AQS SITE CODE: PHONE: (601) 961-5783 FAX: (919) 541-0516 SITE CODE: CCPG-MS Description: CCPG-MS C2 Lab D2: 6110404-02 Sampled: 11/02/16 12:53 Pressure @ Receipt: 8:50° Hg Canister #: 5108 Sampled: 11/02/16 12:53 Comments: Col Ar Toxics by EPA Compendium Method TO-15 Analytá MDL MDL 12-06monethane 0.08 0.016 Comonethane 0.019 0.021 12-06monethane 0.016 0.016 Comonethane 0.010 0.024 Synthe 0.010 0.024 Synthe 0.025 0.024 Bornoform 0.010 0.024 Synthe 0.025 0.024 Coldrobenzane 0.026 0.05 12.3-Frimethylbearen 0.44 0.023 12.3-Frimethylbearen 0.44 0.024 Synthe 0.025 0.024 Definitionethane 0.026 0.05 12.3-Frimethylbearen 0.044 0.023 12.3-Frimethylbearen 0.026 0.027									
PHONE: (601) 961-9783 FAX: (919) 541-0516 SITE CODE: CCPG-MS Description: CCPG-MS C2 Lab ID: 6110404-02 Sampled: 11/02/16 12:53 Pressure @ Receipt: 8.50° Hg Canister #: 5108 Received: 11/02/16 12:53 Comments: Col 2 Air Toxics by EPA Compendium Method TO-15 Analyze 11/09/16 16:40 Analyze IDD Vol 001 0.021 0.023 IDD IDD Analyze IDD Vol 0021 IDD 0.038 0.41 0.038 IDD								10110410	
Description: CCPG-MS C2 Pressure @ Receipt: 8.50° Hg Lab ID: 6110404-02 Canister #: Sampled: 11/02/16 12:53 Received: 11/02/16 12:53 Comments: Col 2 Air Toxics by EPA Compendium Method TO-15 Received: 11/09/16 16:40 Analyze MDL Malyzet MDL VIG/m2 Easuits MDL VIG/m2 Analyze Display UG/m2 Display Display Display UG/m2 Display Display Display Symme Display Display Display Display Symme Display Display Display Display Symme D		(919) 5	641-0516					MS	
Pressure @ Receipt: 8:50* Hg Canister #: 5108 Received: 11/09/16 11:19 Analyzed: 11/09/16 16:00 Air Toxics by EPA Compendium Method TO-15 Air Social Toxics by EPA Compendium Method TO-15 Analyze NO V Out Comments OUt Out Out Construction Out Out Out Construction Out Out Out Construction Out Out Out Out View Out Out Out Out J.1.2.7-Transtructionethane Out Out Out Out Out Out Out Out J.1.2.7-Transtructionethane Out Out Out <thout< th=""> <</thout<>					6110404-02			Sampled: 11/02	/16 12:53
Comments: Col 2 Analyzed: 11/09/16 16:40 Air Toxics by EPA Compendium Method TO-15 Results MDL MDL Analyte Doby Doby 1,2-0thomosthane NO NO U -Octane 0.08 U 0.021 -Octane 0.093 0.04 U 0.022 Ethytherace 0.410 1.78 0.016 Okonoberazene 0.009 0.04 U 0.022 Ethytheracene 0.410 U 0.023 0.044 U 0.023 Synthe 0.015 0.052 0.040 0.024 0.044 0.042 0.044 0.044 0.044	Pressure @ Receipt: 8.50" Hg			Canister #:	5108				
Results MDL pob pab/ pob/ us/mit/ translorestane ND V Out 0001 n-Octane 0.088 0.41 0.018 Chorenezee 0.009 0.04 0 0.020 Ethylbenzee 0.117 0.020 0.04 0 0.020 Synthe 0.129 0.08 0.016 0.021 0.016 Chorebenzee 0.010 0.10 0 0.020 0.040 Synthe 0.010 0.10 0 0.021 0.021 J.1,2-7-Firsthylbenzee 0.441 2.17 0.020 0.021 J.2,5-Firinsthylbenzee 0.441 2.17 0.024 Dickinobenzee 0.028 0.05 0 0.027 J.2,5-Firinsthylbenzee 0.010 0.11 0 0.042 Hexachlers-1,3-buzzeliere 0.010 0.11 0.042 0.042	Comments: Col 2								
Analytic policy ug/m ² Fiao policy 1,2-00 momentane NO NO 0.021 Tetrachoresthylene 0.012 0.048 U 0.020 Ethylbenzene 0.010 1.78 0.012 0.046 Brondom 0.010 0.10 U 0.021 Synene 0.010 0.10 0.021 1.78 Synene 0.010 0.10 U 0.021 1,1,2,2-Tetrachorechane NO NO 0.021 1,1,2,2-Tetrachorechane 0.05 U 0.024 volthorechane 0.055 U 0.024 volthorechane 0.010 0.11 0.024 volthorechane 0.010 0.11 0.024 volthorechane 0.010 0.11 0.032 1,2,4-Triensthylbenzene 0.012 0.05 U 0.032 volthorechane 0.010 0.11 U 0.042				ics by EPA		ium Method 1	TO-15		
L2-Dibromeethane ND V 0.021 n-Octame 0.068 0.41 0.016 Chorebrane 0.009 0.64 V 0.021 Chorebrane 0.009 0.64 V 0.026 Chorebrane 0.009 0.64 V 0.021 Sprene 0.015 0.66 V 0.024 Sprene 0.015 0.66 V 0.024 1,1,2-Termsthylbenzene 0.451 2.17 0.024 1,2,2-Trimsthylbenzene 0.446 2.17 0.024 1,3-Trimsthylbenzene 0.446 2.17 0.024 1,2-Trimsthylbenzene 0.015 0.05 U 0.024 1,2-Trimsthylbenzene 0.010 0.11 0.022 0.024 1,2-Trimsthylbenzene 0.010 0.11 0.022 0.024 1,2-Trimsthylbenzene 0.010 0.11 0.022 0.024 1,2-Trimsthylbenzene 0.010 0.11 0.042 0.035	Analyte			Elac					
n-Octare 0.088 0.41 0.016 Chamberazer 0.009 0.04 u 0.020 Chamberazer 0.010 0.04 u 0.021 mn-p-Xylene 1.59 6.52 0.021 mnonstam 0.010 u 0.021 h1,1,2,2-Tetrachionethane NO NO u 0.032 J,3,5-Trimethylberazene 0.441 2.17 0.024 J,3,5-Trimethylberazene 0.441 2.17 0.024 J,3,5-Trimethylberazene 0.441 2.17 0.024 m-Olchoberazene 0.008 0.05 u 0.024 m-Olchoberazene 0.008 0.05 u 0.023 -Olchoberazene 0.010 0.11 u 0.0642									
Calorizations 0.009 0.04 0 0.020 Ethylbenzene 0.410 1.79 0.010 0.010 Bronsform 0.010 0.10 0 0.021 1,1,2,7 Tetrakhorethane ND ND 0.023 1,1,2,7 Tetrakhorethane ND ND 0.024 1,1,2,7 Trinsthylbenzene 0.441 2.17 0.024 1,1,2,7 Trinsthylbenzene 0.441 2.17 0.024 m-Kintoberane 0.008 0.05 0 0.024 -Withoberane 0.010 0.07 0.024 0.024 -Dickhorberane 0.008 0.05 0 0.024 -Dickhorberane 0.010 0.11 0.023 0.024 -Dickhorberane 0.010 0.11 0.024 0.024	n-Octane	0.088	0.41		0.018				
Ebylemicane 0.410 1.78 0.015 Binmolom 0.010 0.10 0.021 Sprete 0.015 0.05 0 0.021 J.2.7-Transtviburene 0.522 2.31 0.020 J.3.5-Triinettiylbenzene 0.499 4.67 0.024 J.3.4-Triinettiylbenzene 0.499 4.67 0.024 Pickinobenzene 0.011 0.07 0.024 Pickinobenzene 0.011 0.07 0.024 Pickinobenzene 0.011 0.07 0.024 Pickinobenzene 0.012 0.09 0.027 J.3.4-Trinettiylbenzene 0.012 0.09 0.035 Hexachlore-I,3-butzdiene 0.010 0.11 0.042	Tetrachloroethylene								
mp-System 1.59 6.52 0.040 Sprene 0.015 0.06 U 0.024 Sprene 0.015 0.06 U 0.030 -Systeme 0.552 2.31 0.024 1,1,2,2-Trinnethylbenzene 0.441 2.17 0.024 1,3,5-Trinnethylbenzene 0.441 2.17 0.024 m-Okinboreszne 0.008 0.05 U 0.024 -Dickinobereszne 0.008 0.05 U 0.024 -Dickinobereszne 0.008 0.05 U 0.024 -Dickinobereszne 0.010 0.05 U 0.023 -Dickinobereszne 0.010 0.11 U 0.042				U					
Syneme 0.015 0.06 U 0.021 1,1,2,-Trinnethylbenzene 0.441 2,17 0.024 m-Okinkovenzene 0.005 U 0.024 m-Okinkovenzene 0.015 0.05 U 0.024 m-Okinkovenzene 0.015 0.05 U 0.024 m-Okinkovenzene 0.015 0.05 U 0.024 m-Okinkovenzene 0.010 0.05 U 0.024 -Uchinkovenzene 0.010 0.05 U 0.024 -JA,4-Trinkethylbenzene 0.011 0.024 0.023 0.024 -Okinkovenzene 0.010 0.05 U 0.035 Hexachlere-1,3-butzdiene 0.010 0.11 U 0.042	m,p-Xylene				0.040				
L1,22-Tetracklorechane NO V 0.030 2,3,5-Trimethylbenzene 0.441 2.17 0.020 1,3,5-Trimethylbenzene 0.443 2.17 0.024 n-Chintorbenzene 0.049 4.67 0.024 p-Cicliorobenzene 0.011 0.07 U 0.035 p-Cicliorobenzene 0.012 0.09 U 0.035 Hexachlero-1,3-butzdiene 0.010 0.11 U 0.042									
1.3.5-Trinethylbeurene 0.441 2.17 0.024 1.3.5-Trinethylbeurene 0.441 2.17 0.024 mOlchwobenzane 0.008 0.05 0 0.023 p-Dichlorobenzane 0.011 0.07 0 0.023 o-Chlorobenzane 0.012 0.09 0 0.035 U.J.A-Trinethylbeurene 0.012 0.09 0 0.023 -Olchlorobenzane 0.012 0.09 0 0.035 Hexachlere-1,3-butzdiene 0.010 0.11 0.042	1,1,2,2-Tetrachloroethane	ND	ND		0.030				
1,2,4-Trinethyberszene 0,054 4,67 0,024 p-Dichorberszene 0,008 0,05 0 0,024 p-Dichorberszene 0,006 0,05 0 0,027 1,2,4-Trichbrobenzene 0,006 0,05 0 0,027 1,2,4-Trichbrobenzene 0,006 0,05 0 0,027 1,2,4-Trichbrobenzene 0,010 0,11 0 0,035 Hexachlano-1,3-butadiene 0,010 0,11 0 0,042	o-Xylene				0.020				
m-Dichoroberase 0.008 0.05 U 0.024 p-Dichoroberase 0.011 0.07 U 0.023 o-Dichoroberase 0.006 0.05 U 0.023 o-Dichoroberase 0.012 0.09 U 0.033 o-Dichoroberase 0.012 0.09 U 0.035 Headhland 0.010 0.11 U 0.042									
Eastern Research Group The results in this report apply only to the samples analyzed in accordance with the samples and	m-Dichlorobenzene	0.008	0.05	U	0.024				
1,2,4-Trichtorbervene 0.012 0.09 0 0.035 Hexachloro-1,3-butzadiene 0.010 0.11 0 0.042									
Eastern Research Group The results in this report apply only to the samples analyzed in accordance with the	1,2,4-Trichlorobenzene								
	Hexachloro-1,3-butadlene	0.010	0.11	U	0.042				
	Eastern Research Group				The resu chain of	lts in this report app custody document. 1	ly only to the . This analytica	samples analyzed in acc report must be reprodu	cordance with th aced in its entire
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FRG	CERTIFI	CATE OF	ANALYSIS			
U.S. Environmental Protect	tion Agency Pasion 4		EK E # 0044.00			
515 East Amite Street	alon Agency, Region 4		FILE #: 0344.00			
Jackson, MS 39201			REPORTED: 12/			
				0/07/16 to 11/04/16		
ATTN: Mr. B.J. Hailey PHONE: (601) 961-5783	FAX: (919) 541-0516		AQS SITE CODE SITE CODE:	CCPG-MS		
·····						
Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
	endium Method TO-15	- Quality Cor	itrol			
Batch B6J1709 - Summa	Canister Prep					
Blank (B6J1709-BLK1) Acetylene	ND	ppbv	Prepared: 10/04/16 A	analyzed: 10/12/16		U
Propylene	ND	ppbv				U
Dichlorodifluoromethane	ND	ppbv				Ū
Chloromethane Dichlorotetrafluoroethane	ND ND	ppbv				U
Vinyl chloride	ND	ppbv ppbv				UU
1,3-Butadiene	ND	ppbv				υ
Bromomethane	ND	ppbv				Ū
Chloroethane	ND	ppbv				U
Acetonitrile Acrolein	ND ND	ppbv				U
Trichlorofluoromethane	0.045	ррбу ррбу				U
Acrylonitrile	ND	ppbv				U
1,1-Dichloroethene	ND	ppbv				U
Dichloromethane	ND	ppbv				U
Carbon Disulfide Trichlorotrifluoroethane	NÐ NÐ	ppbv				U
trans-1,2-Dichloroethylene	ND	ppbv ppbv				UU
1,1-Dichloroethane	ND	ppbv				U
Methyl tert-Butyl Ether	ND	ppbv				U
Chloroprene	ND	ppbv				U
cis-1,2-Dichloroethylene	ND	ppbv				U
Bromochloromethane Chloroform	0.024 ND	ppbv				
Ethyl tert-Butyl Ether	ND	ppbv ppbv				UU
1,2-Dichloroethane	ND	ppbv				Ŭ
1,1,1-Trichloroethane	ND	ppbv				Ŭ
Benzene	ND	ppbv				U
Carbon Tetrachloride	ND	ppbv				U
tert-Amyl Methyl Ether 1,2-Dichloropropane	ND ND	ppbv ppbv				U
Ethyl Acrylate	ND	ppbv				U
Bromodichloromethane	ND	ppbv				U
Trichloroethylene	ND	ppbv				U
Methyl Methacrylate cis-1,3-Dichloropropene	NÐ	ppbv				U
Methyl Isobutyl Ketone	ND	ppbv ppbv				UU
Eastern Research Grou	ip	The	results in this report apply	only to the samples analyzed	l in accorda	nce with th
		cnai	n of custody document. Thi	s analyticul report must be r	eproduced i	n its entire
						age 13 o

nt'd					
NERG	CERTIFI	CATE O	F ANALYSIS		
U.S. Environmental Protect	ion Agency, Begion 4		FILE #: 0344.0	0	
515 East Amite Street	ion igonoj, nogion i		REPORTED: 12		
Jackson, MS 39201				10/07/16 to 11/04/16	
ATTN: Mr. B.J. Hailey			AQS SITE CODI		
PHONE: (601) 961-5783	FAX: (919) 541-0516		SITE CODE:	CCPG-MS	
Analyte	Result	Units	Source Result		RPD Limit Notes
	-			RPD	Limit Notes
Air Toxics by EPA Comp Batch B6J1709 - Summa (- Quality Co	introl		
Blank (B6J1709-BLK1) (Prepared: 10/04/16	Analyzed: 10/12/16	
trans-1,3-Dichloropropene	ND	ppbv			U
1,1,2-Trichloroethane	ND	ppbv			U
Toluene Dibromochloromethane	ND ND	ppbv			U
1.2-Dibromoethane	ND	ppbv ppbv			U
n-Octane	ND	ppbv			u u
Tetrachloroethylene	ND	ppbv			Ŭ
Chlorobenzene	ND	ppbv			U
Ethylbenzene	ND	ppbv			U
m,p-Xylene Bromoform	ND ND	ppbv			U
Styrene	ND	ppbv			U
1,1,2,2-Tetrachloroethane	ND	ppbv			U
o-Xylene	ND	ppbv			U
1,3,5-Trimethylbenzene	ND	ppbv			U
1,2,4-Trimethylbenzene m-Dichlorobenzene	ND	ppbv			U
p-Dichlorobenzene	ND	ppbv ppbv			U U
o-Dichlorobenzene	ND	ppbv			U
1,2,4-Trichlorobenzene	ND	ppbv			U
Hexachloro-1,3-butadiene	ND	ppbv			U
Batch B6K0308 - Summa	Canister Prep				
Blank (B6K0308-BLK1)			Prepared: 10/27/16	Analyzed: 11/03/16	
Acetylene Propylene	ND ND	ppbv			U
Dichlorodifluoromethane	ND	ppbv ppbv			U U
Chloromethane	ND	ppbv			U
Dichlorotetrafluoroethane	0.043	ppbv			
Vinyl chloride	ND	ppbv			U
1,3-Butadiene Bromomethane	ND ND	ppbv ppbv			U U
Chloroethane	0.055	ppbv			U
Acetonitrile	ND	ppbv			U
Acrolein	ND	ppbv			U
Trichlorofluoromethane Acrylonitrile	0.096 ND	ppbv			
1,1-Dichloroethene	ND	ppbv ppbv			U U
Eastern Research Grou	p	Th ch	e results in this report apply ain of custody document. Th	only to the samples analyzed is analytical report must be r	in accordance with th eproduced in its entire
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FRG	CERTIFI	CATE OF	ANALYSIS	3		
U.S. Environmental Protection	Anapay Basion 4		FILE #: 0344.0			
515 East Amite Street	n Agency, negion 4		REPORTED: 12			
Jackson, MS 39201				10/07/16 to 11/04/16		
ATTN: Mr. B.J. Hailey			AQS SITE COD			
PHONE: (601) 961-5783	FAX: (919) 541-0516		SITE CODE:	CCPG-MS		
Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
Air Toxics by EPA Compe	ndium Method TO-15	- Quality Cor				
Batch B6K0308 - Summa C						
Blank (86K0308-BLK1) Co			Prepared: 10/27/16	Analyzed: 11/03/16		
Dichloromethane Carbon Disulfide	ND ND	ррву ррву				U
Trichlorotrifluoroethane	ND	ppbv				U
trans-1,2-Dichloroethylene	ND	ppbv				Ŭ
1,1-Dichloroethane	ND ND	ppbv				U
Methyl tert-Butyl Ether Chloroprene	ND	ppbv ppbv				U U
cis-1,2-Dichloroethylene	ND	ppbv				U
Bromochloromethane	0.076	ppbv				
Chloroform Ethyl tert-Butyl Ether	ND ND	ppbv				U
1,2-Dichloroethane	ND	ppbv ppbv				U
1,1,1-Trichloroethane	ND	ppbv				U
Benzene	ND	ppbv				U
Carbon Tetrachloride	ND	ppbv				U
tert-Amyl Methyl Ether 1,2-Dichloropropane	ND ND	ppbv ppbv				U
Ethyl Acrylate	ND	ppbv				u
Bromodichloromethane	ND	ppbv				Ū
Trichloroethylene	ND	ppbv				U
Methyl Methacrylate cis-1,3-Dichloropropene	0.036 ND	ppbv				
Methyl Isobutyl Ketone	ND	ppbv ppbv				U U
trans-1,3-Dichloropropene	ND	ppbv				ŭ
1,1,2-Trichloroethane	ND	ppbv				U
Toluene Dibromochloromethane	ND	ppbv				U
1,2-Dibromoethane	ND ND	ppbv ppbv				U
n-Octane	ND	ppbv				Ŭ
Tetrachloroethylene	ND	ppbv				Ŭ
Chlorobenzene	ND	ppbv				υ
Ethylbenzene m,p-Xylene	ND ND	ppbv				U
Bromoform	ND	ppbv ppbv				U U
Styrene	ND	ppbv				U
1,1,2,2-Tetrachloroethane	ND	ppbv				U
o-Xylene	ND	ppbv				U
Eastern Research Group		The chai	results in this report apply n of custody document. Th	y only to the samples analyzed his analytical report must be r	l in accorda reproduced i	nce with th n its entire
						age 15 d

ERG	CERTIF		F ANALYSIS			
U.S. Environmental Protect	tion Agency, Region 4		FILE #: 0344.00			
515 East Amite Street	iner igeney, riegien i		REPORTED: 12/1	5/16 10-23		
Jackson, MS 39201			SUBMITTED: 10			
ATTN: Mr. B.J. Hailey			AQS SITE CODE:			
PHONE: (601) 961-5783	FAX: (919) 541-0516		SITE CODE:	CCPG-MS		
Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
and a set of the	pendium Method TO-15				Lanne	
Batch B6K0308 - Summa						
Blank (B6K0308-BLK1) 1,3,5-Trimethylbenzene	Continued	ppbv	Prepared: 10/27/16 An	alyzed: 11/03/16		
1,2,4-Trimethylbenzene	ND	ppov ppbv				U U
m-Dichlorobenzene	ND	ppbv				Ŭ
p-Dichlorobenzene	ND	ppbv				U
o-Dichlorobenzene 1,2,4-Trichlorobenzene	ND 0.047	ppbv ppbv				U
Hexachloro-1,3-butadiene	ND	ppov				U
Duplicate (B6K0308-DU	IP3) Source:		Prepared: 10/27/16 An	alvzed: 11/03/16		Ū
Acetylene	0.310	ppbv	0.30	4.36	25	
Propylene	4.21	ppbv	4.09	2.89	25	
Dichlorodifluoromethane Chloromethane	0.543	ppbv	0.54	1.07	25	
Dichlorotetrafluoroethane	0.731	ppbv ppbv	0.72	1.39 3.37	25 25	
Vinyl chloride	ND	ppbv	ND	2.27	25	U
1,3-Butadiene	0.031	ppbv	0.03	5.71	25	0
Bromomethane	ND	ppbv	ND		25	U
Chloroethane	0.110	ppbv	0.11	0.366	25	
Acetonitrile Acrolein	0.293 ND	ppbv	0.30 ND	1.56	25	
Trichlorofluoromethane	0.317	ppbv ppbv	0.31	0.918	25 25	INT, U
Acrylonitrile	ND	ppbv	ND	0.918	25	U
1,1-Dichloroethene	ND	ppbv	ND		25	Ŭ
Dichloromethane	0.105	ppbv	0.10	0.287	25	
Carbon Disulfide	0.022	ppbv	0.02	0.901	25	
Trichlorotrifluoroethane trans-1,2-Dichloroethylene	0.085 ND	ppbv	0.08 ND	2.51	25	
1.1-Dichloroethane	ND	ppbv ppbv	ND		25 25	U U
Methyl tert-Butyl Ether	ND	ppbv	ND		25	U
Chloroprene	ND	ppbv	ND		25	Ű
cis-1,2-Dichloroethylene	ND	ppbv	ND		25	U
Bromochloromethane Chloroform	0.084	ppbv	0.08	6.00	25	
Ethyl tert-Butyl Ether	0.039 ND	ppbv ppbv	0.04 ND	2.53	25 25	U
1,2-Dichloroethane	0.022	ppbv	0.02	0.905	25	U
1,1,1-Trichloroethane	ND	ppbv	ND	0,505	25	U
Benzene Carbon Tetrachloride	0.360 0.116	ppbv	0.36	1.43	25	
Carbon red action de	0.116	ppbv	0.12	0.519	25	
Eastern Research Grou	qu		he results in this report apply or hain of custody document. This			

NERG	CERTIFI	CATE OF	ANALYSIS			
U.S. Environmental Protection	Agency, Region 4		FILE #: 0344.00			
515 East Amite Street			REPORTED: 12/15/	16 10:23		
Jackson, MS 39201			SUBMITTED: 10/0	7/16 to 11/04/16		
ATTN: Mr. B.J. Hailey			AQS SITE CODE:			
PHONE: (601) 961-5783 FA	X: (919) 541-0516		SITE CODE: C	CPG-MS		
Analyte	Result	Units	Source Result	RPD	RPD Limit	Note
Air Toxics by EPA Compend		- Quality Con	trol		147	
Batch B6K0308 - Summa Can. Duplicate (B6K0308-DUP3)		6102801-01 P	repared: 10/27/16 Anal	vzed: 11/03/16		
tert-Amyl Methyl Ether	ND	ppbv	ND	,,, 00, 10	25	U
1,2-Dichloropropane Ethyl Acrylate	ND ND	ppbv			25	U
Ethyl Acrylate Bromodichloromethane	ND	ppbv ppbv	ND ND		25 25	U U
Trichloroethylene	ND	ppbv	ND		25	U
Methyl Methacrylate	ND	ppbv	ND		25	Ŭ
cis-1,3-Dichloropropene	ND	ppbv	ND		25	U
Methyl Isobutyl Ketone	0.149	ppbv	0.14	3.41	25	
trans-1,3-Dichloropropene 1,1,2-Trichloroethane	ND ND	ppbv	ND ND		25 25	U
Toluene	1.46	ppbv ppbv	1.42	2.83	25	U
Dibromochloromethane	ND	ppbv	ND	2103	25	U
1,2-Dibromoethane	ND	ppbv	ND		25	Ū
n-Octane	0.099	ppbv	0.10	1.31	25	
Tetrachloroethylene	ND	ppbv	ND		25	U
Chlorobenzene Ethylbenzene	ND 0.186	ppbv ppbv	ND 0.18	1.41	25 25	U
m,p-Xylene	0.606	ppbv	0.60	1.06	25	
Bromoform	ND	ppbv	ND		25	U
Styrene	0.037	ppbv	0.04	1.35	25	
1,1,2,2-Tetrachloroethane	ND	ppbv	ND		25	U
o-Xylene 1,3,5-Trimethylbenzene	0.234	ppbv	0.23	0.686	25	
1.2.4-Trimethylbenzene	0.122	ppbv ppbv	0.12	0.00 0.722	25 25	
m-Dichlorobenzene	ND	ppbv	ND	0.722	25	U
p-Dichlorobenzene	ND	ppbv	ND		25	Ŭ
o-Dichlorobenzene	ND	ppbv	ND		25	U
1,2,4-Trichlorobenzene Hexachloro-1,3-butadiene	ND ND	ppbv	ND ND		25	U
Duplicate (B6K0308-DUP4)		ppbv	112	and: 11/02/11	25	U
Acetylene	0.297	6102801-02 P	repared: 10/27/16 Anal 0.32	yzed: 11/03/16 6.80	25	
Propylene	3.85	ppbv	4.09	6.08	25	
Dichlorodifluoromethane	0.508	ppbv	0.55	8.24	25	
Chloromethane	0.621	ppbv	0.70	12.0	25	
Dichlorotetrafluoroethane Vinyl chloride	0.057 ND	ppbv ppbv	0.06 ND	9.56	25 25	u
1,3-Butadiene	0.030	ppbv	0.03	1.02	25	U
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U.S. Environmental Prote	ction Agency, Region 4		FILE #: 0344.0	0				
515 East Amite Street			REPORTED: 12	/15/16 10:23				
Jackson, MS 39201				SUBMITTED: 10/07/16 to 11/04/16				
ATTN: Mr. B.J. Hailey			AQS SITE COD					
PHONE: (601) 961-5783	FAX: (919) 541-0516		SITE CODE:	CCPG-MS				
Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes		
Air Toxics by EPA Com	pendium Method TO-15	- Quality Con	trol					
Batch B6K0308 - Summa		Quality Coll	0.01					
Duplicate (B6K0308-D	UP4) Continued Source:	6102801-02 F	repared: 10/27/16	Analyzed: 11/03/16				
Bromomethane	0.025	ppbv	0.03	0.00	25			
Chloroethane Acetonitrile	0.086 0.157	ppbv	0.09 0.16	1.39	25			
Acrolein	0.696	ppbv ppbv	0.16	1.58 3.61	25 25			
Trichlorofluoromethane	0.304	ppbv	0.33	6.80	25			
Acrylonitrile	ND	ppbv	ND		25	U		
1,1-Dichloroethene Dichloromethane	ND 0.123	ppbv	ND 0.13		25	U		
Carbon Disulfide	0.123 ND	ppbv ppbv	ND	7.14	25 25	п		
Trichlorotrifluoroethane	0.078	ppbv	0.08	8.01	25	U		
trans-1,2-Dichloroethylene	ND	ppbv	ND		25	U		
1,1-Dichloroethane Methyl tert-Butyl Ether	ND	ppbv	ND		25	U		
Chloroprene	ND	ppbv ppbv	ND ND		25 25	U U		
cis-1,2-Dichloroethylene	ND	ppbv	ND		25	U		
Bromochloromethane	0.077	ppbv	0.08	1.29	25			
Chloroform	0.040	ppbv	0.04	5.62	25			
Ethyl tert-Butyl Ether 1,2-Dichloroethane	ND 0.022	ppbv ppbv	ND 0.02	0.456	25 25	U		
1,1,1-Trichloroethane	ND	ppbv	ND	0.456	25	U		
Benzene	0.313	ppbv	0.34	6.69	25	-		
Carbon Tetrachloride	0.108	ppbv	0.12	8.38	25			
tert-Amyl Methyl Ether 1,2-Dichloropropane	ND ND	ppbv	ND ND		25	U		
Ethyl Acrylate	ND	ppbv ppbv	ND		25 25	U		
Bromodichloromethane	ND	ppbv	ND		25	υ		
Trichloroethylene	ND	ppbv	ND		25	υ		
Methyl Methacrylate cis-1,3-Dichloropropene	ND ND	ppbv	ND ND		25	U		
Methyl Isobutyl Ketone	0.061	ppbv ppbv	ND 0.07	9.55	25 25	U		
trans-1,3-Dichloropropene	ND	ppbv	ND	5.55	25	U		
1,1,2-Trichloroethane	ND	ppbv	ND		25	Ū		
Toluene Dibromochloromethane	1.45 ND	ppbv	1.46 ND	0.806	25	10		
1,2-Dibromoethane	ND	ppbv ppbv	ND		25 25	U U		
n-Octane	0.079	ppbv	0.08	3.48	25	U		
Tetrachloroethylene	ND	ppbv	ND		25	U		
Eastern Research Gro	μp	The chai	esults in this report apply of custody document. Th	only to the samples analyzed is analytical report must be r	eproduced	ance with t in its entire Page 18		

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U.S. Environmental Protection A								
515 East Amite Street	jency, Region 4		FILE #: 0344.00					
Jackson, MS 39201			REPORTED: 12/15/					
	N: Mr. B.J. Hailey			SUBMITTED: 10/07/16 to 11/04/16				
PHONE: (601) 961-5783 FAX:	(919) 541-0516		AQS SITE CODE: SITE CODE: 0	CCPG-MS				
			artenaer votessererter vo					
Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes		
Air Toxics by EPA Compendi		- Quality Con	trol					
Batch B6K0308 - Summa Canis Duplicate (B6K0308-DUP4) C		6103901-03 0	repared: 10/27/16 Anal					
Chlorobenzene	ND ND	ppbv	repared: 10/27/16 Anal ND	yzeu: 11/03/16	25	U		
Ethylbenzene	0.188	ppbv	0.19	0.479	25	•		
m,p-Xylene	0.635	ppbv	0.63	0.379	25			
Bromoform Styrene	ND 0.039	ppbv ppbv	ND 0.04	2.30	25 25	U		
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	2.30	25	U		
o-Xylene	0.236	ppbv	0.24	2.14	25			
1,3,5-Trimethylbenzene	0.127	ppbv	0.13	1.25	25			
1,2,4-Trimethylbenzene m-Dichlorobenzene	0.305	ppbv	0.31	1.14	25			
p-Dichlorobenzene	ND ND	ppbv ppbv	ND ND		25 25	U U		
o-Dichlorobenzene	ND	ppbv	ND		25	U		
1,2,4-Trichlorobenzene	ND	ppbv	ND		25	Ŭ		
Hexachloro-1,3-butadiene	ND	ppbv	ND		25	Ű		
Batch B6K0906 - Summa Canis	ter Prep							
Blank (B6K0906-BLK1)		P	repared: 11/04/16 Anal	yzed: 11/09/16				
Acetylene	ND	ppbv				U		
Propylene Dichlorodifluoromethane	ND	ppbv				U		
Chloromethane	ND ND	ppbv				U		
Dichlorotetrafluoroethane	ND	ppbv ppbv				u u		
Vinyl chloride	ND	ppbv				u U		
1,3-Butadiene	ND	ppbv				U		
Bromomethane	ND	ppbv				U		
Chloroethane	ND	ppbv				U		
Acetonitrile Acrolein	ND	ppbv				U		
Acrolein Trichlorofluoromethane	ND 0.046	ppbv ppbv				υ		
Acrylonitrile	ND	ppbv				ц		
1,1-Dichloroethene	ND	ppbv				U		
Dichloromethane	ND	ppbv				Ŭ		
Carbon Disulfide	ND	ppbv				U		
Trichlorotrifluoroethane trans-1,2-Dichloroethylene	ND ND	ppbv				U		
1.1-Dichloroethane	ND	ppbv ppbv				U U		
Methyl tert-Butyl Ether	ND	ppbv				Ŭ		
Chloroprene	ND	ppbv				U		
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			of custody document. This an					
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FRG	CERTIFI	CATE OF	ANALYSIS	6		
	ion Annos (Desire 4					
U.S. Environmental Protection Agency, Region 4 515 East Amite Street			FILE #: 0344.0			
Jackson, MS 39201			REPORTED: 1			
ATTN: Mr. B.J. Hailey				10/07/16 to 11/04/16		
PHONE: (601) 961-5783	FAX: (919) 541-0516		AQS SITE COD SITE CODE:	CCPG-MS		
	TRA: (515) 541 5515					
Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
Air Toxics by EPA Comp		- Quality Cor	itrol			
Batch B6K0906 - Summa						
Blank (B6K0906-BLK1) (cis-1,2-Dichloroethylene	ND	ppbv	Prepared: 11/04/16	Analyzed: 11/09/16		U
Bromochloromethane	0.034	ppbv				U
Chloraform	ND	ppbv				U
Ethyl tert-Butyl Ether	ND	ppbv				U
1,2-Dichloroethane	ND	ppbv				U
1,1,1-Trichloroethane	ND	ppbv				U
Benzene Carbon Tetrachloride	ND ND	ppbv				U
tert-Amyl Methyl Ether	ND	ppbv ppbv				U U
1,2-Dichloropropane	ND	ppbv				u
Ethyl Acrylate	ND	ppbv				Ŭ
Bromodichloromethane	ND	ppbv				U
Trichloroethylene	ND	ppbv				U
Methyl Methacrylate	ND	ppbv				U
cis-1,3-Dichloropropene Methyl Isobutyl Ketone	ND	ppbv				U
trans-1,3-Dichloropropene	ND ND	ppbv ppbv				บ บ
1,1,2-Trichloroethane	ND	ppbv				U
Toluene	ND	ppbv				Ŭ
Dibromochloromethane	ND	ppbv				Ū
1,2-Dibromoethane	ND	ppbv				υ
n-Octane	ND	ppbv				υ
Tetrachloroethylene Chlorobenzene	ND ND	ppbv				U
Ethylbenzene	ND	ppbv ppbv				U
m,p-Xylene	ND	ppbv				U U
Bromoform	ND	ppbv				ŭ
Styrene	ND	ppbv				Ŭ
1,1,2,2-Tetrachloroethane	ND	ppbv				Ū
o-Xylene	ND	ppbv				U
1,3,5-Trimethylbenzene	ND	ppbv				U
1.2.4-Trimethylbenzene m-Dichlorobenzene	ND ND	ppbv ppbv				U
p-Dichlorobenzene	ND	ppov				U U
o-Dichlorobenzene	ND	ppbv				0
1,2,4-Trichlorobenzene	ND	ppbv				U
Hexachloro-1,3-butadiene	ND	ppbv				U
Eastern Research Group	p	The	results in this report appl n of custody document. T	y only to the samples analyze his analytical report must be	d in accorda reproduced	nce with i in its entir
						Page 20

FRG	CERTIFI	CATE OF	ANALYSIS			
U.S. Environmental Prote	ction Agency, Region 4		FILE #: 0344.00			
515 East Amite Street	U J U		REPORTED: 12/15/10	5 10-23		
Jackson, MS 39201			SUBMITTED: 10/07/			
ATTN: Mr. B.J. Hailey		AQS SITE CODE:				
PHONE: (601) 961-5783	FAX: (919) 541-0516					
Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
search and the search and the	pendium Method TO-15				Linne	notes
Batch B6K0906 - Summa		- Quality Com	101			
Duplicate (B6K0906-D		6110404-01 Pi	repared: 11/02/16 Analyz	red: 11/09/16		
Acetylene Propylene	0.159 2.37	ppbv	0.17 2.42	5.15	25	
Dichlorodifluoromethane	0.413	ppbv ppbv	2.42 0.43	1.97 3.40	25 25	
Chloromethane	0.443	ppbv	0.46	2.76	25	
Dichlorotetrafluoroethane	0.031	ppbv	0.04	19.4	25	
Vinyl chloride 1,3-Butadiene	ND ND	ppbv	ND ND		25	U
Bromomethane	ND	ppbv ppbv	ND		25 25	U U
Chloroethane	0.030	ppbv	0.04	23.4	25	U
Acetonitrile	0.087	ppbv	0.10	14.2	25	
Acrolein Trichlorofluoromethane	0.270	ppbv	0.28	4.46	25	
Acrylonitrile	0.228 ND	ppbv ppbv	0.24 ND	5.59	25 25	U
1,1-Dichloroethene	ND	ppbv	ND		25	U
Dichloromethane	0.063	ppbv	0.08	20.6	25	
Carbon Disulfide Trichlorotrifluoroethane	0.028 0.066	ppbv	0.03	21.7	25	
trans-1,2-Dichloroethylene	0.066 ND	ppbv ppbv	ND	13.0	25 25	ū
1,1-Dichloroethane	ND	ppbv	ND		25	U
Methyl tert-Butyl Ether	ND	ppbv	0.01		25	U
Chloroprene	ND	ppbv	ND		25	U
cis-1,2-Dichloroethylene Bromochloromethane	ND 0.040	ppbv ppbv	ND 0.04	5.88	25 25	U
Chloroform	0.021	ppbv	0.03	31.5	25	
Ethyl tert-Butyl Ether	ND	ppbv	ND		25	U
1,2-Dichloroethane	0.016	ppbv	0.03	46.7	25	
1,1,1-Trichloroethane Benzene	ND 0.537	ppbv ppbv	ND 0.63	15.8	25 25	U
Carbon Tetrachloride	0.085	ppbv	0.03	15.8	25	
tert-Amyl Methyl Ether	ND	ppbv	ND	22.5	25	U
1,2-Dichloropropane	ND	ppbv	ND		25	U
Ethyl Acrylate Bromodichloromethane	ND ND	ppbv ppbv	ND ND		25 25	U U
Trichloroethylene	ND	ppbv	ND		25	U
Methyl Methacrylate	ND	ppbv	ND		25	Ŭ
cis-1,3-Dichloropropene	ND	ppbv	ND		25	U
Methyl Isobutyl Ketone trans-1,3-Dichloropropene	0.040 ND	ppbv ppbv	0.05 ND	26.5	25 25	U
Eastern Research Gro			esults in this report apply only to			-
	ap		of custody document. This anal			
1						Page 21 of