

# EXHIBIT H



**PRELIMINARY**

**Attorney-Client Privileged**

GSI Job No. G-2841

Issued: 03/18/06

Page 1 of 8

**TABLE 1**  
**SUMMARY OF SAMPLING AND TESTING PROGRAM FOR JUDICIAL INSPECTION SITES: STRATEGY**

Judicial Inspections, Chevron, Oriente Region, Ecuador

Jl Objective	Sampling Activities	Sample Nos. (see map)	Sample Media	Analytes
<b>RAP WELL SITES</b>				
<b>1) Remediated Pits:</b> Demonstrate whether pit closure was conducted in accordance w/ RAP and the presence/absence of a clean soil cover (access exposure potential)	<ul style="list-style-type: none"> <li>• Advance at least 2 soil borings in each RAP pit area <ul style="list-style-type: none"> <li>- a) Surface soil sample (access soil cover and exposure potential)</li> <li>- b) Remediated material sample (access RAP compliance)</li> </ul> </li> <li>• The 2 sampling locations from within each remediated pit will be composited as 1 surface soil sample and 1 remediated soil sample</li> </ul>		Soil	Standard Soil (see Table 2)  <i>Note: Clean soil samples are analyzed for PAHs at STL w/ a split sent to Newfields to hold. Samples showing field evidence of contamination are sent to Newfields for PAH analysis and fingerprinting (no STL PAH analysis).</i>
<b>2) Site Perimeter Sampling:</b> Access potential migration of petroleum constituents from the site and absence/presence of widespread impacts	<ul style="list-style-type: none"> <li>• Collect soil samples at 4 or more locations surrounding the site (pit or affected area perimeter samples may also be used as site perimeter sampling locations when applicable), vertically composite a soil sample from each location perimeter location</li> </ul>		Soil	Standard Soil (see Table 2)  <i>Note: Clean soil samples are analyzed for PAHs at STL w/ a split sent to Newfields to hold. Samples showing field evidence of contamination are sent to Newfields for PAH analysis and fingerprinting (no STL PAH analysis).</i>
	<ul style="list-style-type: none"> <li>• At each perimeter soil sampling location install temporary piezometer and collect groundwater sample (if groundwater present)</li> </ul>		Groundwater	Standard GW (see Table 2)  <i>If limited GW volume prioritize as:</i> <ul style="list-style-type: none"> <li>a) BTEX</li> <li>b) PAHs</li> <li>c) metals</li> <li>d) TDS/chlorides/acidity/alkalinity</li> <li>e) TPH GRO</li> <li>f) TPH DRO</li> </ul>
<b>3) Drinking Water:</b> Demonstrate whether drinking water sources have been impacted with unsafe levels of petroleum-related hydrocarbons or other potential contaminants, such as unsafe levels of coliforms	<ul style="list-style-type: none"> <li>• Collect a drinking water sample from any water well, cistern, stream, or other source of drinking water identified as a primary or secondary source of drinking water</li> </ul>		Drinking Water	Standard Drinking Water (see Table 2)

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**PRELIMINARY**

**Attorney-Client Privileged**

GSI Job No. G-2841

Issued: 03/18/08

Page 2 of 8



**TABLE 1**  
**SUMMARY OF SAMPLING AND TESTING PROGRAM FOR JUDICIAL INSPECTION SITES: STRATEGY**

Judicial Inspections, Chevron, Oriente Region, Ecuador

JI Objective	Sampling Activities	Sample Nos. (see map)	Sample Media	Analyte
<b>RAP WELL SITES (cont'd)</b>				
<b>4) Surface Water:</b> Demonstrate whether there are wide-spread impacts to surface water bodies due to petroleum related activities	<ul style="list-style-type: none"> <li>Collect surface water samples at appropriate locations</li> <li><i>Optional:</i> Collect bacterial sheen sample if needed to access whether sheen is related to petroleum</li> </ul>		Surface Water Sheen	Standard Surface Water (see Table 2) Organic Fingerprint
<b>5) Crop Impacts:</b> Demonstrate whether there are crop/vegetative impacts due to petroleum related activities (if complaint made)	<ul style="list-style-type: none"> <li>Site-specific: If damage alleged, conduct surface soil sampling. Also, may elect to use an agricultural expert to address site-specific complaints</li> </ul>		Soil	Standard Soil (see Table 2) <i>Agronomic parameters would be specified by the agricultural expert</i>
<b>6) Sampling to be Conducted Contingent Upon Plaintiffs Sampling:</b> Sampling to be conducted only in response to samples collected by plaintiffs	<b>Sediments:</b> <ol style="list-style-type: none"> <li>Collect a representative sediment sample</li> <li>Collect surface water sample at the same location, if not already sampled as part of the original JI plan, be sure collect SW sample first or upstream of sediment sampling location</li> <li>Define the extent of affected sediment by additional sediment and SW sampling, as needed</li> </ol>		Sediment and SW	Standard Sediment and Surface Water (based on media sampled) (see Table 2)

MACKEY00040060

**PRELIMINARY**

**Attorney-Client Privileged**

GSI Job No. G-2841

Issued: 03/18/06

Page 3 of 8



**TABLE 1**  
**SUMMARY OF SAMPLING AND TESTING PROGRAM FOR JUDICIAL INSPECTION SITES: STRATEGY**

Judicial Inspections, Chevron, Oriente Region, Ecuador

JI Objective	Sampling Activities	Sample Nos. (see map)	Sample Media	Analyte
<b>RAP WELL SITES (cont'd)</b>				
<b>6) Sampling to be Conducted Contingent Upon Plaintiffs Sampling (cont'd):</b>  Sampling to be conducted only in response to samples collected by plaintiffs	<b><i>NFA Pits, Change of Condition Pits, Non-RAP Pits, Spill Areas, or Other Potential Areas of Concern:</i></b>  1) Collect a representative sample from within the pit, spill area, or other potential area of concern, if plaintiffs sample is not a representative sample of pit/area conditions, do not take a split of the sample but collect an independent representative sample  2) Collect a surface sample to access soil cover and exposure potential, if applicable  3) Conduct perimeter sampling of pit (or pit area if multiple pits clustered together), spill area, or other potential area of concern to access potential constituent migration. This includes: a) surface soil sample (0-30 cm); b) subsurface vertical composite (>30 cm); and c) a groundwater sample, if encountered.			Standard Soil  Standard Groundwater (at perimeter locations only, if present)  (See Table 2)  <i>Soil sample selection for Newfields analysis and groundwater analysis prioritization is presented above</i>

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**PRELIMINARY**

**Attorney-Client Privileged**

GSI Job No. G-2841

Issued: 03/18/06

Page 4 of 8

**TABLE 1**  
**SUMMARY OF SAMPLING AND TESTING PROGRAM FOR JUDICIAL INSPECTION SITES: STRATEGY**

Judicial Inspections, Chevron, Oriente Region, Ecuador

<b>NON-RAP WELL SITES</b>				
<b>1) Drinking Water:</b> Demonstrate whether drinking water sources have been impacted with unsafe levels of petroleum-related hydrocarbons or other potential contaminants, such as unsafe levels of coliforms	<ul style="list-style-type: none"> <li>Collect a drinking water sample from any water well, cistern, stream, or other source of drinking water identified as a primary or secondary source of drinking water</li> </ul>		Drinking Water	Standard Drinking Water (see Table 2)
<b>2) Site Perimeter Sampling:</b> Access potential migration of petroleum constituents from the site and absence/presence of widespread impacts	<ul style="list-style-type: none"> <li>Collect soil samples at 4 or more locations surrounding the site (pit or affected area perimeter samples may also be used as site perimeter sampling locations when applicable), vertically composite a soil sample from each location perimeter location</li> </ul>		Soil	Standard Soil (see Table 2)  <i>Note: Clean soil samples are analyzed for PAHs at STL w/ a split sent to Newfields to hold. Samples showing field evidence of contamination are sent to Newfields for PAH analysis and fingerprinting (no STL PAH analysis).</i>
	<ul style="list-style-type: none"> <li>At each perimeter soil sampling location install temporary piezometer and collect groundwater sample (if groundwater present)</li> </ul>		Groundwater	Standard GW (see Table 2)  <i>If limited GW volume prioritize as:</i> a) BTEX b) PAHs c) metals d) TDS/chorides/acidity/alkalinity e) TPH GRO f) TPH DRO
<b>3) Surface Water:</b> Demonstrate whether there are wide-spread impacts to surface water bodies due to petroleum related activities	<ul style="list-style-type: none"> <li>Collect surface water samples at appropriate locations</li> </ul>		Surface Water	Standard Surface Water (see Table 2)
	<i>Optional:</i> Collect bacterial sheen sample if needed to access whether sheen is related to petroleum		Sheen	Organic Fingerprint

MACKAY000040062



**PRELIMINARY**

**Attorney-Client Privileged**

GSI Job No. G-2841

Issued: 03/18/06

Page 5 of 8

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**SUMMARY OF SAMPLING AND TESTING PROGRAM FOR JUDICIAL INSPECTION SITES: STRATEGY**

Judicial Inspections, Chevron, Oriente Region, Ecuador

Jl Objective	Sampling Activities	Sample Nos. (see map)	Sample Media	Analyte
<b>NON-RAP WELL SITES (cont'd)</b>				
<b>4) Sampling to be Conducted Contingent Upon Plaintiffs Sampling:</b>  Sampling to be conducted only in response to samples collected by plaintiffs	<b>Sediments:</b> 1) Collect a representative sediment sample 2) Collect surface water sample at the same location, if not already sampled as part of the original Jl plan, be sure collect SW sample first or upstream of sediment sampling location 3) Define the extent of affected sediment by additional sediment and SW sampling, as needed		Sediment and SW	Standard Sediment and Surface Water (based on media sampled) (see Table 2)
	<b>NFA Pits, Change of Condition Pits, Non-RAP Pits, Spill Areas, or Other Potential Areas of Concern:</b> 1) Collect a representative sample from within the pit, spill area, or other potential area of concern, if plaintiffs sample is not a representative sample of pit/area conditions, do not take a split of the sample but collect an independent representative sample 2) Collect a surface sample to access soil cover and exposure potential, if app. 3) Conduct perimeter sampling of pit (or pit area if multiple pits clustered together), spill area, or other potential area of concern to access potential constituent migration. This includes: a) surface soil sample (0-30 cm); b) subsurface vertical composite (>30 cm); and c) a groundwater sample, if encountered.			Standard Soil Standard Groundwater (at perimeter locations only, if present) (See Table 2) <i>Soil sample selection for Newfields analysis and groundwater analysis prioritization is presented above</i>

MACKAY00040063



**PRELIMINARY**

**Attorney-Client Privileged**

GSI Job No. G-2841

Issued: 03/18/06

Page 6 of 8

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**SUMMARY OF SAMPLING AND TESTING PROGRAM FOR JUDICIAL INSPECTION SITES: STRATEGY**

Judicial Inspections, Chevron, Oriente Region, Ecuador

JI Objective	Sampling Activities	Sample Nos. (see map)	Sample Media	Analyte
<b>PRODUCTION STATIONS</b>				
<b>1) Crude Oil:</b> Evaluate crude oil composition	<ul style="list-style-type: none"> <li>Collect a crude oil sample at meter station or other appropriate location</li> </ul>		Oil	<p>Newfields Fingerprint</p> <p><i>Collect a Metals Sample if the Station or Oil Field has not Been Previously Analyzed and Included in Newfields Appendix</i></p> <p><i>Optional: Oil Biodeg Study</i></p>
<b>2) Produced Water:</b> Evaluate produced water composition	<ul style="list-style-type: none"> <li>Collect produced water sample at wash tank or other accessible location</li> </ul> <p><i>Optional: If active discharge is observed, analyze PW for major anions and cations so that salinity can be tracked in downstream SW samples (see below)</i></p>		Produced Water	<p>Analyze for PAHs (Newfields), metals (see Table 2 list), TDS, chlorides, pH (field), specific cond. (field)</p> <p><i>Optional: Major Anions and Cations, if active discharge observed</i></p> <p><i>Optional: Oil Biodeg Study</i></p>
<b>3) Site Perimeter Sampling:</b> Access potential migration of petroleum constituents from the site and absence/presence of widespread impacts	<ul style="list-style-type: none"> <li>Collect soil samples at 4 or more locations surrounding the site (pit or affected area perimeter samples may also be used as site perimeter sampling locations when applicable), vertically composite a soil sample from each location perimeter location</li> <li>At each perimeter soil sampling location install temporary piezometer and collect groundwater sample (if groundwater present)</li> </ul>		Soil	<p>Standard Soil (see Table 2)</p> <p><i>Note: Clean soil samples are analyzed for PAHs at STL w/ a split sent to Newfields to hold. Samples showing field evidence of contamination are sent to Newfields for PAH analysis and fingerprinting (no STL PAH analysis).</i></p>
			Groundwater	<p>Standard GW (see Table 2)</p> <p><i>If limited GW volume prioritize as:</i></p> <ul style="list-style-type: none"> <li>a) BTEX</li> <li>b) PAHs</li> <li>c) metals</li> <li>d) TDS/chlorides/acidity/alkalinity</li> <li>e) TPH GRO</li> <li>f) TPH DRO</li> </ul>

MACKAY00040064



**PRELIMINARY**

**Attorney-Client Privileged**

GSI Job No. G-2841

Issued: 03/18/06

Page 7 of 8

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Judicial Inspections, Chevron, Oriente Region, Ecuador

Jl Objective	Sampling Activities	Sample Nos. (see map)	Sample Media	Analyte
<b>PRODUCTION STATIONS (cont'd)</b>				
<b>4) Drinking Water:</b> Demonstrate drinking water sources are not impacted with unsafe levels of petroleum-related hydrocarbons but with unsafe levels of coliforms.	<ul style="list-style-type: none"> <li>Collect a drinking water sample from any water well, cistern, stream, or other source of drinking water identified as a primary or secondary source of drinking water</li> </ul>		Drinking Water	Standard Drinking Water (see Table 2)
<b>5) Surface Water:</b> Demonstrate whether there are wide-spread impacts to surface water bodies due to petroleum related activities	<ul style="list-style-type: none"> <li>Collect surface water samples at appropriate locations</li> </ul>		Surface Water	Standard Surface Water (see Table 2)
	<i>Optional:</i> Collect bacterial sheen sample if needed to access whether sheen is related to petroleum		Sheen	Organic Fingerprint
	<i>Optional:</i> Analyze samples downstream of observed active discharge to track discharge salinity versus natural salinity		Surface Water	Major Anions and Cations, if active discharge is observed (see Table 2 SW <i>Optional</i> )
<b>6) Crop Impacts:</b> Demonstrate whether there are crop/vegetative impacts due to petroleum related activities (if complaint made)	<ul style="list-style-type: none"> <li>Site-specific: If damage alleged, conduct surface soil sampling. Also, may elect to use an agricultural expert to address site-specific complaints</li> </ul>		Soil	Standard Soil (see Table 2) <i>Agronomic parameters would be specified by the agricultural expert</i>

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PRELIMINARY

Attorney-Client Privileged  
GSI Job No. G-2841  
Issued: 03/18/06  
Page 8 of 8



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<b>PRODUCTION STATIONS (cont'd)</b>				
<b>4) Sampling to be Conducted Contingent Upon Plaintiffs Sampling:</b> Sampling to be conducted only in response to samples collected by plaintiffs	<b>Sediments:</b> 1) Collect a representative SED sample 2) Collect surface water sample at the same location, if not already sampled as part of the original JI plan, be sure collect SW sample first or upstream of sediment sampling location 3) Define the extent of affected sediment by additional sediment and SW sampling, as needed		Sediment and SW	Standard Sediment and Surface Water ( <i>based on media sampled</i> ) (see Table 2)
	<b>NFA Pits, Change of Condition Pits, Non-RAP Pits, Spill Areas, or Other Potential Areas of Concern:</b> 1) Collect a representative sample from within the pit, spill area, or other potential area of concern, if plaintiffs sample is not a representative sample of pit/area conditions, do not take a split of the sample but collect an independent representative sample 2) Collect a surface sample to access soil cover and exposure potential, if app. 3) Conduct perimeter sampling of pit (or pit area if multiple pits clustered together), spill area, or other potential area of concern to access potential constituent migration. This includes: a) surface soil sample (0-30 cm); b) subsurface vertical composite (>30 cm); and c) a groundwater sample, if encountered.			Standard Soil Standard Groundwater (at perimeter locations only, if present) (See Table 2) <i>Soil sample selection for Newfields analysis and groundwater analysis prioritization is presented above</i>

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