

# SECTION A

Basement

Unit Building 1



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

September 13, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Unit 1  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the clean-up of the central area of Unit 1 at the subject site.

Converse performed a visual inspection of the regulated control zone upon completion of clean-up activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.

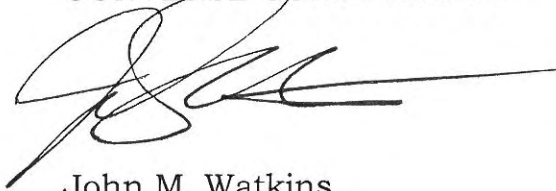
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
September 13, 2010  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the conclusions and recommendations contained in this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and the conclusions and recommendations of this assessment are modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS CONTROL PROGRAM

DATE 11/16/09 LICENSE NO. IPM-0199

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 11/16/10

John M. Watkins  
Converse Consultants  
731 Pilot Road, Suite H  
Las Vegas, NV 89119

DATE: 11/16/09  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR

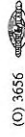
Signature

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STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION  
ASBESTOS ABATEMENT CONSULTANT  
John M. Watkins  
Converse Consultants

HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C. 11/16/10

(NSFO Rev. 2-06)





# SECTION B

Basement

Unit Building 2



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

December 17, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Unit 2  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the clean-up of the central area of Unit 2 at the subject site.

Converse performed a visual inspection of the regulated control zone upon completion of clean-up activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

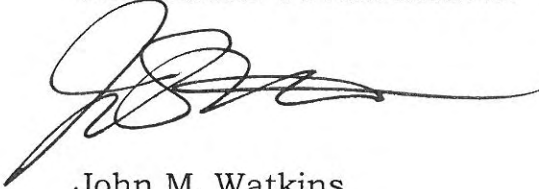
The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the conclusions and recommendations contained in this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and the conclusions and recommendations of this assessment are modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS CONTROL PROGRAM

DATE 10/04/10 LICENSE NO. IPM-0199

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John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119



DATE: 10/04/10  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR

*[Handwritten Signature]*

Signature

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STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M. Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

# SECTION C

Pipe & Pipe Wrap  
Northwest Corner of Site



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

August 19, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Northwest Area – Pipe Abatement  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the northwest area of the subject site. The ACMs removed included Thermal System Insulation (TSI) on exposed pipe(s) and buried pipe in the northwest area of the Tronox facility.

Converse performed a visual inspection of the regulated control zone (see enclosed maps) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.



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Recycled Paper

731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429

Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: lasvegas@converseconsultants.com



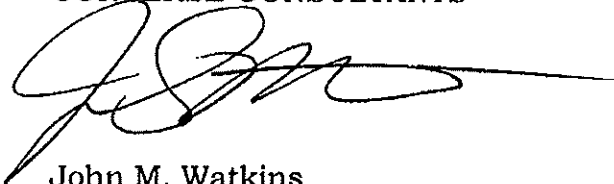
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
August 19, 2010  
Page 2

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If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Maps of Work Area

Dist: 2/Addressee



STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION  
ASBESTOS CONTROL PROGRAM  
DATE 11/16/09 LICENSE NO. IPM-0199

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John M. Watkins  
Converse Consultants  
731 Pilot Road, Suite H  
Las Vegas, NV 89119

DATE: 11/16/09  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR



Signature

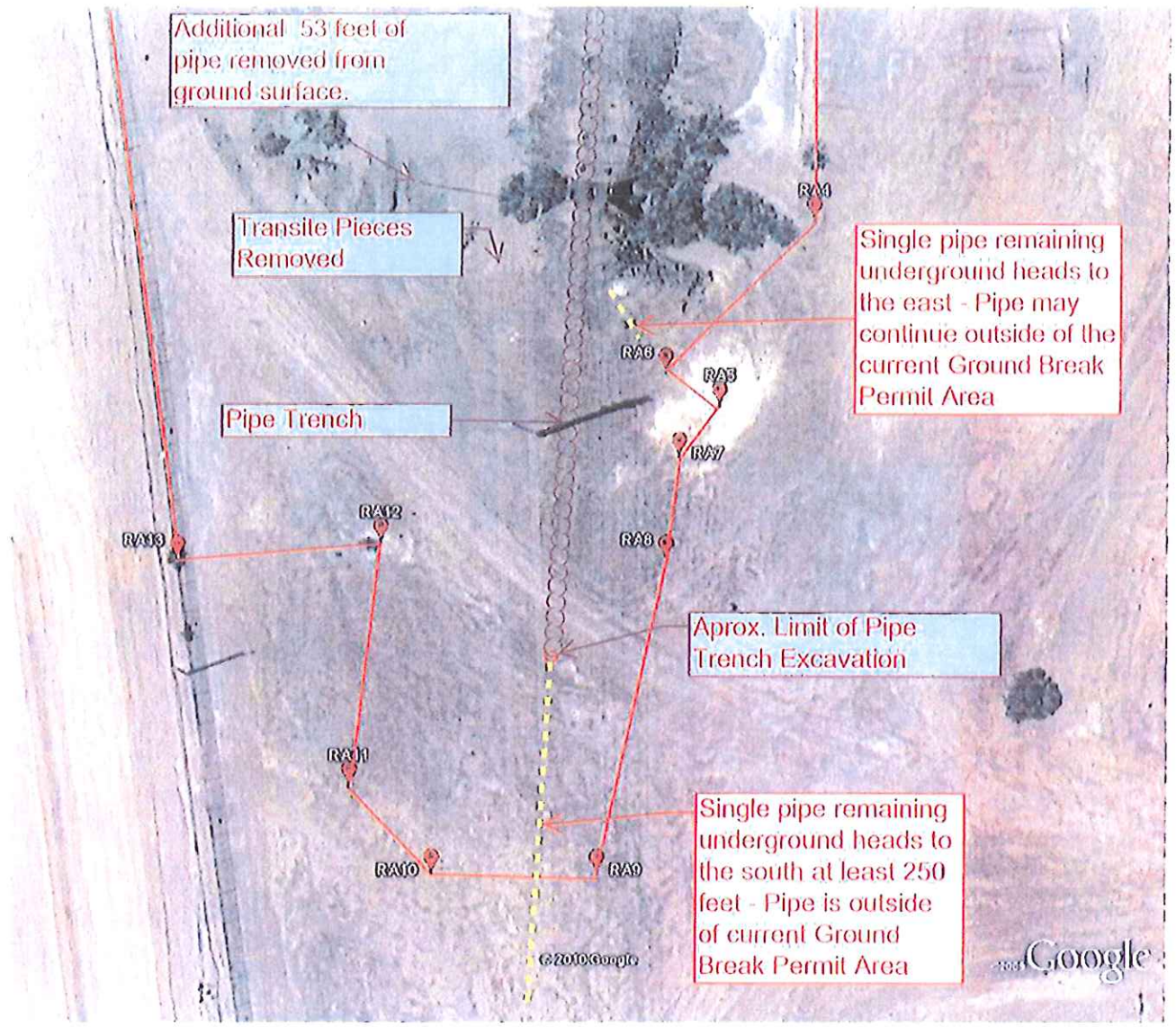
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STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION  
ASBESTOS ABATEMENT CONSULTANT  
John M. Watkins  
Converse Consultants

HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C. 11/16/10

(NSFO Rev. 2-06)

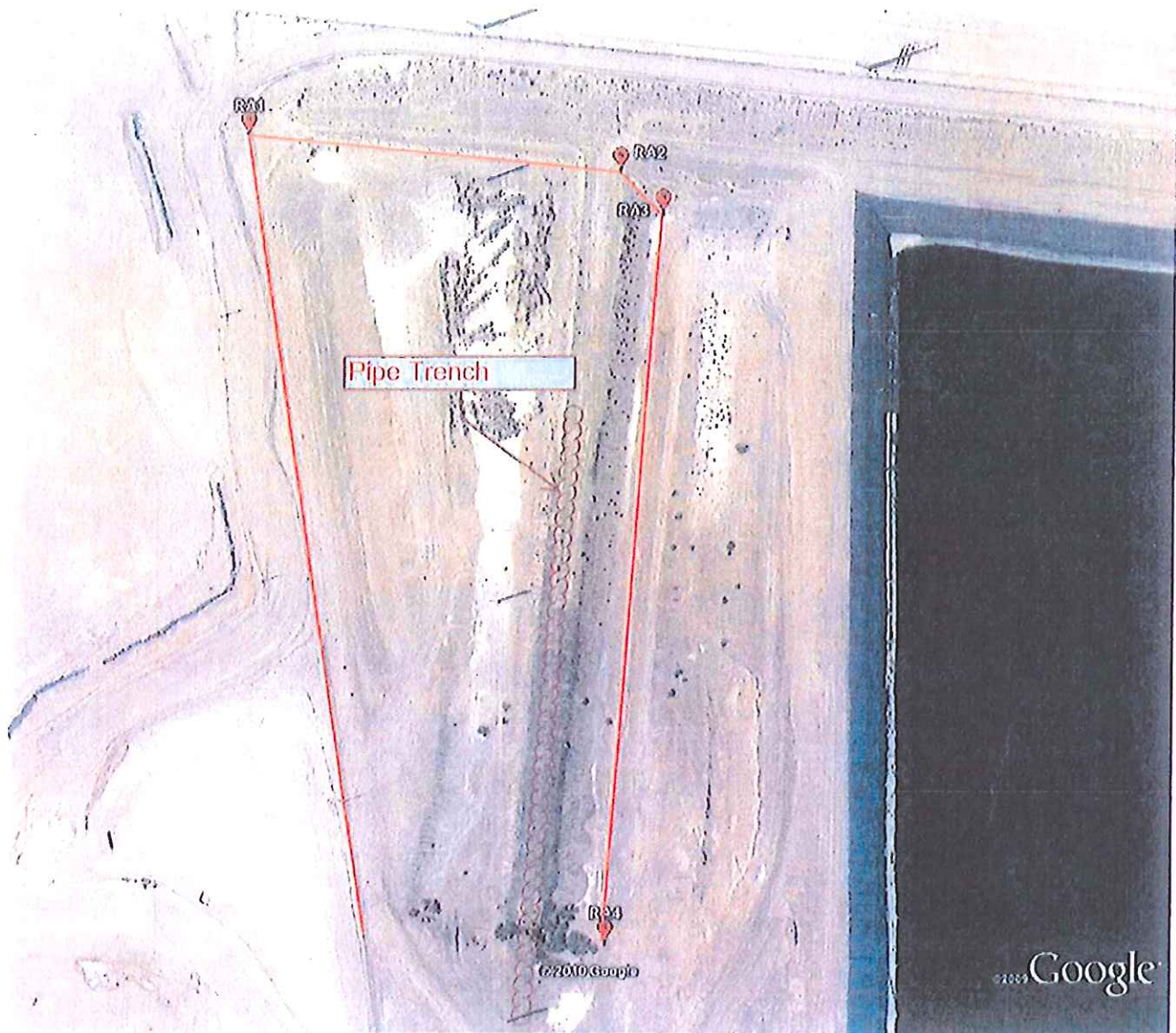
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Tronox Pipe Wrap Abatement  
Project August 15, 2010

Aerial View of South Section of Project  
Regulated Area - Outlined in Red





Tronox Pipe Wrap Abatement Project  
August 15, 2010

Aerial View of North Section of Project  
Regulated Area - Outlined in Red



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

September 3, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Northwest Area – Asbestos Cement Material Debris  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the northwest area of the subject site. The ACMs removed included asbestos cement materials (transite) debris in the northwest area of the Tronox facility.

Converse performed a visual inspection of the regulated control zone (see enclosed map) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.

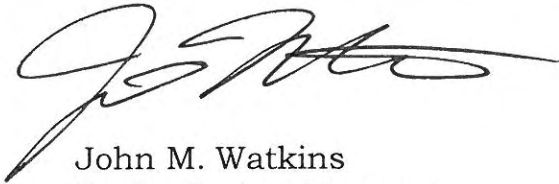
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
September 3, 2010  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the conclusions and recommendations contained in this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and the conclusions and recommendations of this assessment are modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



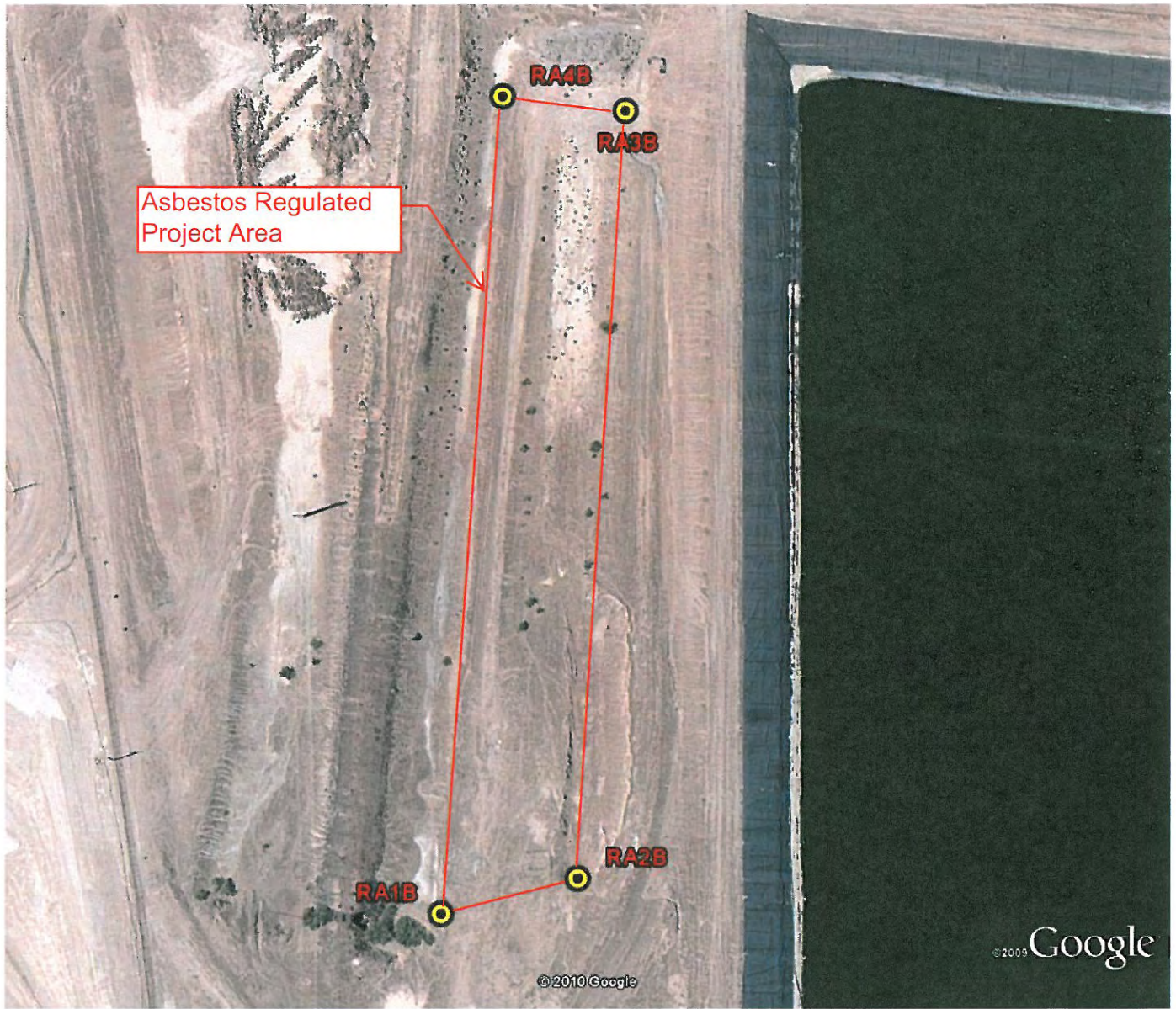
John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee





Tronox Aerial

Asbestos Regulated Project Area - Visually Cleared 9-2-2010

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION  
ASBESTOS CONTROL PROGRAM  
DATE 11/16/09 LICENSE NO. IPM-0199

DATE: 11/16/09  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR



THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 11/16/10

*[Handwritten Signature]*  
Signature

John M. Watkins  
Converse Consultants  
731 Pilot Road, Suite H  
Las Vegas, NV 89119

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STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION  
ASBESTOS ABATEMENT CONSULTANT  
John M. Watkins  
Converse Consultants

HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C. 11/16/10

(NSPO Rev. 2-06)

(O) 3656





# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

September 7, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Northwest Area – Pipe Abatement  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the northwest area of the subject site. The ACMs removed included Thermal System Insulation (TSI) on buried pipe in the northwest area of the Tronox facility.

Converse performed a visual inspection of the regulated control zone (see enclosed map) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.



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Recycled Paper

731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429

Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: lasvegas@converseconsultants.com

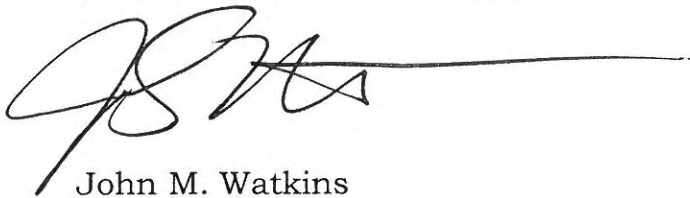
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
September 7, 2010  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the conclusions and recommendations contained in this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and the conclusions and recommendations of this assessment are modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

**ASBESTOS CONTROL PROGRAM**

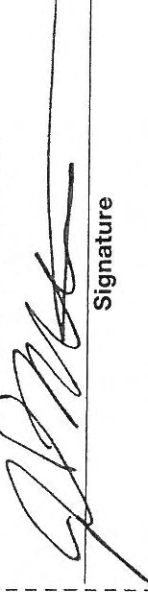
DATE 11/16/09

LICENSE NO. IPM-0199

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John M. Watkins  
Converse Consultants  
731 Pilot Road, Suite H  
Las Vegas, NV 89119

DATE: 11/16/09  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR



Signature


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STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M. Watkins  
Converse Consultants

HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C. 11/16/10

(NSFO Rev. 2-06)

(O) 3656 





Tronox Aerial View  
8000 West Lake Mead Parkway  
Henderson, Nevada



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

September 13, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Northwest Area – Pipe Abatement  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the northwest area of the subject site. The ACMs removed included Thermal System Insulation (TSI) on buried pipe in the northwest area of the Tronox facility.

Converse performed a visual inspection of the regulated control zone upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.



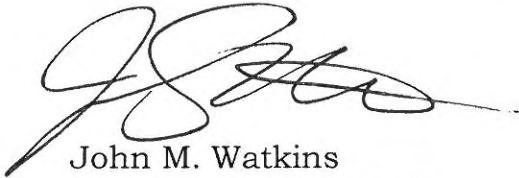
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
September 13, 2010  
Page 2

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Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

**ASBESTOS CONTROL PROGRAM**

DATE 11/16/09      LICENSE NO. IPM-0199

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John M. Watkins  
Converse Consultants  
731 Pilot Road, Suite H  
Las Vegas, NV 89119

DATE: 11/16/09  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR



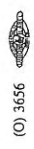
*[Handwritten Signature]*  
Signature

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION  
ASBESTOS ABATEMENT CONSULTANT  
John M. Watkins  
Converse Consultants

HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C. 11/16/10

(NSFO Rev. 2-06)





## SECTION D

3" Steel Pipe w/ ACM Pipe Wrap  
North of Steam Plant



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

November 12, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Pipe Abatement – Northeast of Steam Plant  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the area northeast of the steam plant at the subject site. The ACMs removed included Thermal System Insulation (TSI) on buried pipe in the subject area of the Tronox facility.

Converse performed a visual inspection of the regulated control zone (see enclosed map) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.

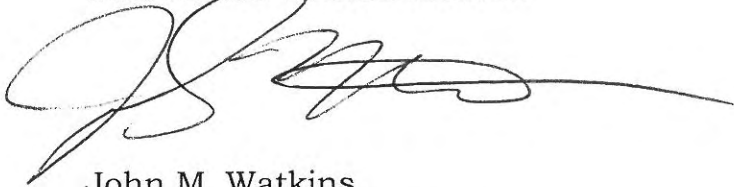
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
November 12, 2010  
Page 2

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If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

~~CONVERSE CONSULTANTS~~



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

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John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119

*[Handwritten Signature]*  
Signature

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
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(NSPO Rev. 2-06)

(O) 3656







Tronox - 8000 West Lake Mead Parkway, Henderson, Nevada

Aerial Photo - Center of photo is at 36° 2'48.19"N 115° 0'7.46"W  
Approximately 252 feet of asbestos wrapped steel pipe was  
abated from two separate trenches on November 10th and 11th  
2010. Final visual inspection was completed at 6:45 am on  
November 12, 2010.

# SECTION E

20" Transite Pipe  
& 8" and 10" Steel Pipe w/ ACM Pipe Wrap  
Avenue E  
RZ-C



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

December 23, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Pipe Abatement – East Side and West Side  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the two areas (east side and west side of the facility). The ACMs removed included Thermal System Insulation (TSI) on buried pipe on the west side and transite pipe on the east side of the Tronox facility.

Converse performed a visual inspection of the regulated control zones (see enclosed maps) upon completion of asbestos abatement activities. The regulated control zones were assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zones.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject areas at the time of our inspection.



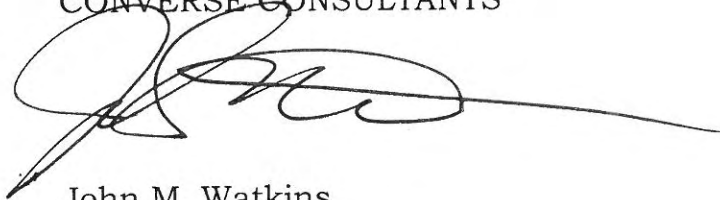
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
December 23, 2010  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zones at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

~~CONVERSE CONSULTANTS~~



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Maps of Work Areas

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS CONTROL PROGRAM  
DATE 10/04/10 LICENSE NO. IPM-0199

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119

*[Handwritten Signature]*  
Signature

DATE: 10/04/10  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

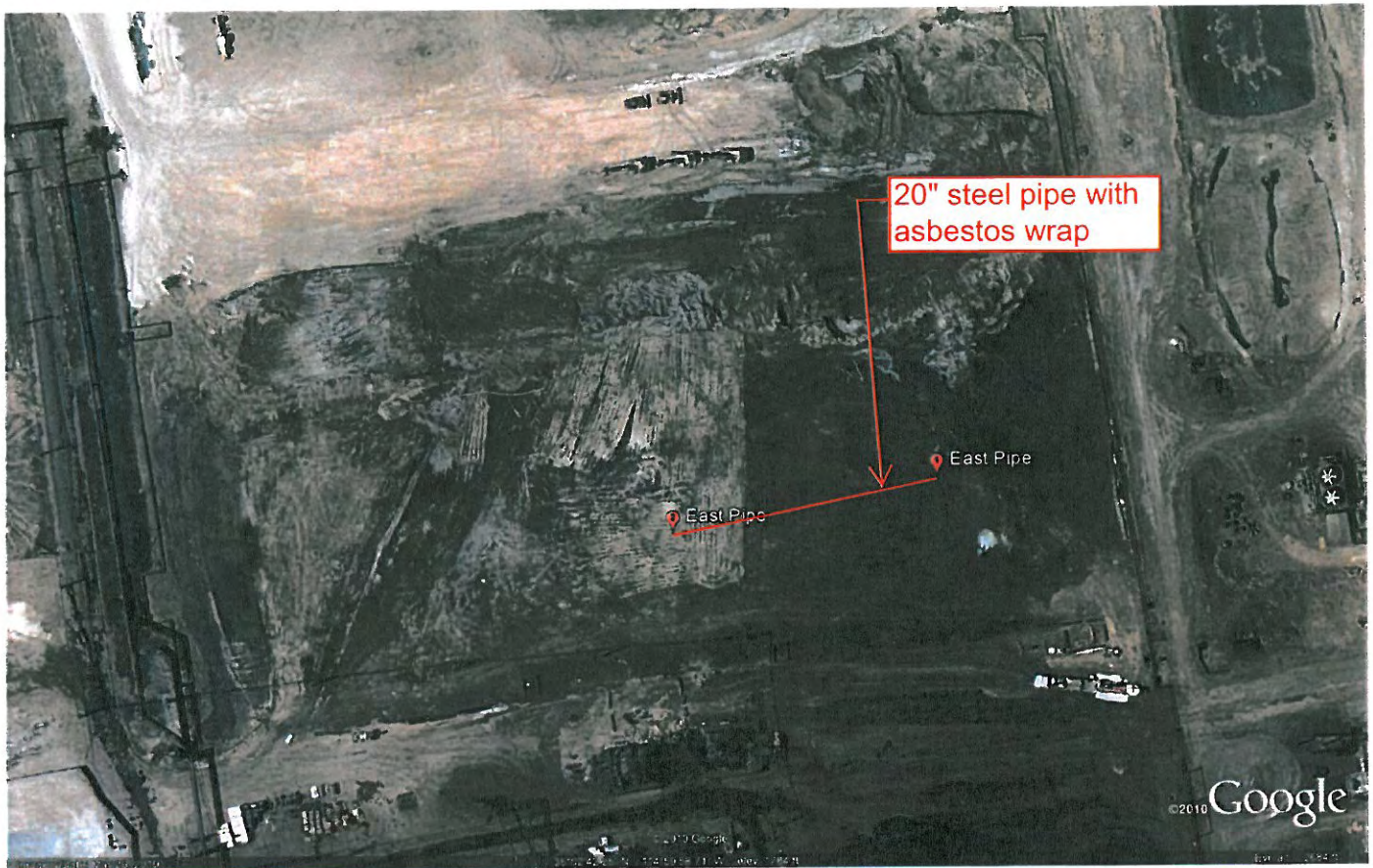
ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSPO Rev. 2-06)

(O) 3656



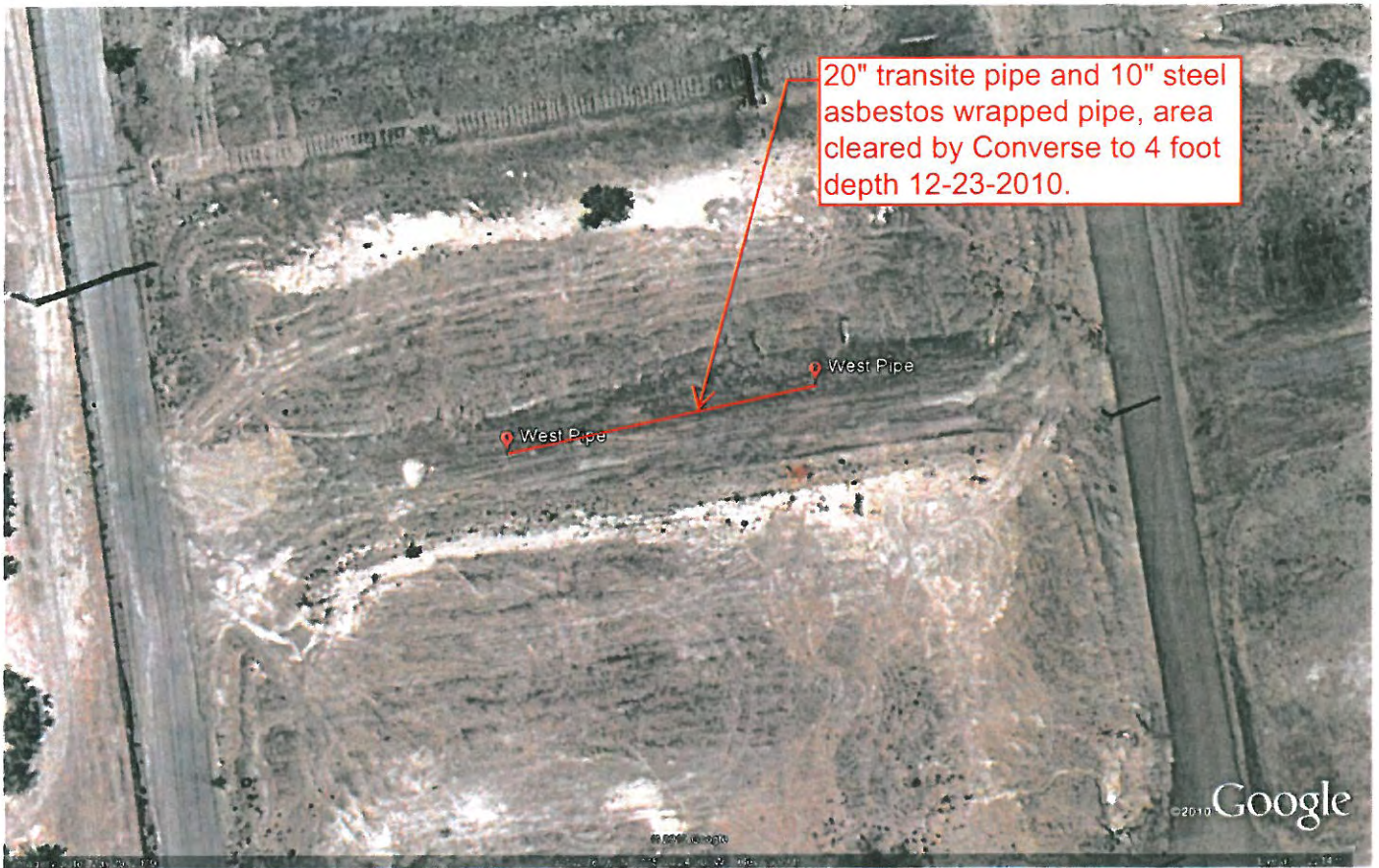




Tronox - 560 West Lake Mead Pkwy. Henderson NV 12-23-2010  
Red line indicates area that was cleared for asbestos wrapped steel pipe by Converse Consultants



↑  
N



Tronox - 560 West Lake Mead Pkwy. Henderson NV 12-23-2010  
Red line indicates area that was cleared for transite and asbestos wrapped steel pipe  
by Converse Consultants to a depth of approximately four feet.



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

December 27, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Pipe Abatement – East Side  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the east side of the facility. The ACMs removed included Thermal System Insulation (TSI) on buried pipe on the east side of the Tronox facility.

Converse performed a visual inspection of the regulated control zone (see enclosed map) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.



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731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429

Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: lasvegas@converseconsultants.com

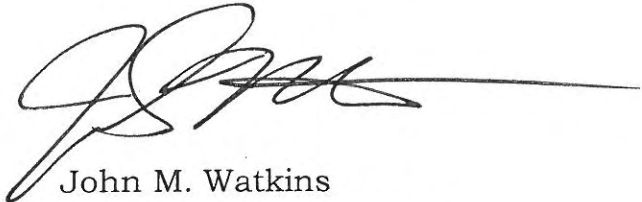
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
December 27, 2010  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee



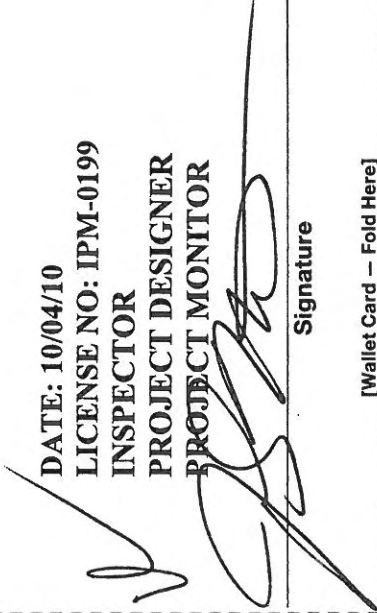
STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

DATE 10/04/10  
ASBESTOS CONTROL PROGRAM  
LICENSE NO. IPM-0199

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119

DATE: 10/04/10  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR



Signature

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSPO Rev. 2-06)

(O) 3656







Tronox - 560 West Lake Mead Pkwy. Henderson NV 12-27-2010  
Red line indicates area that was cleared for asbestos wrapped steel pipe by Converse Consultants



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

December 28, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Asbestos Cement Pipe Abatement (Transite) and  
Pipe Wrap on Steel Pipes  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the west side of the facility. The ACMs removed included asbestos cement pipe (transite) and pipe wrap on two steel pipes on the west side of the Tronox facility.

Converse performed a visual inspection of the regulated control zone (see enclosed map) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.



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Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: lasvegas@converseconsultants.com

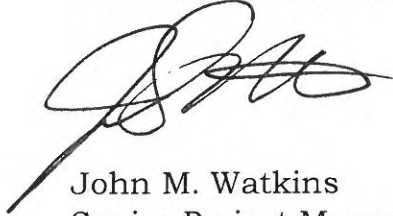
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
December 28, 2010  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee



STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS CONTROL PROGRAM

DATE 10/04/10 LICENSE NO. IPM-0199

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119

*[Handwritten Signature]*  
Signature

[Wallet Card -- Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSFO Rev. 2-06)

(C) 3656



Tronox - 560 West Lake Mead Pkwy. Henderson NV 12-28-2010  
Red line indicates area that was cleared for 20" transite and asbestos wrapped steel pipe 10" and 8" diameter by Converse Consultants to a depth of approximately four feet.





# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

December 30, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Asbestos Cement Pipe Abatement (Transite) and  
Pipe Wrap Insulation on Two Pipes  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the west side of the facility. The ACMs removed included asbestos cement pipe (transite) pipe wrap insulation on two pipes on the west side of the Tronox facility.

Converse performed a visual inspection of the regulated control zone (see enclosed map) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.



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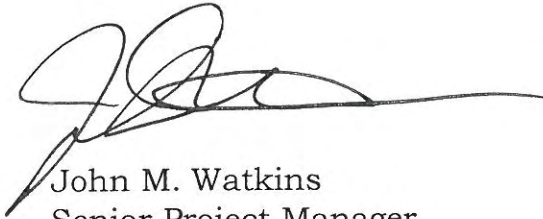
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
December 30, 2010  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

**ASBESTOS CONTROL PROGRAM**

DATE 10/04/10 | LICENSE NO. IPM-0199

*THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11*

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119

*[Handwritten Signature]*  
Signature

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSFO Rev. 2-06)

(O) 3656





Tronox - 560 West Lake Mead Pkwy. Henderson NV 12-30-2010  
Red line indicates area that was cleared for 20" transite and asbestos wrapped steel pipe  
10" and 8" diameter by Converse Consultants to a depth of approximately four feet.



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

January 3, 2011

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Pipe Wrap Insulation on One Pipe  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the west side of the facility. The ACMs removed included pipe wrap insulation on one pipe on the west side of the Tronox facility. Visual inspection was performed on December 31, 2010.

Converse performed a visual inspection of the regulated control zone (see enclosed map) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.



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731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429

Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: lasvegas@converseconsultants.com



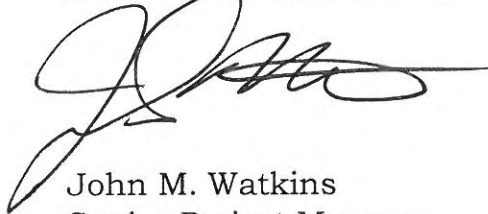
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
January 3, 2011  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS CONTROL PROGRAM  
DATE 10/04/10  
LICENSE NO. IPM-0199

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119

Signature

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSPO Rev. 2-06)

(O) 3656



Tronex - 560 West Lake Mead Pkwy. Henderson NV 12-31-2010

Red line indicates area that was cleared for asbestos wrapped steel pipe by Converse Consultants

\* The 20" transite pipe to the north was not abated. \*





# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

January 4, 2011

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Asbestos Cement Pipe Abatement (Transite) and  
Pipe Wrap Insulation on Two Pipes  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the west side of the facility. The ACMs removed included asbestos cement pipe (transite) pipe wrap insulation on two pipes on the west side of the Tronox facility. Visual inspection was performed on January 3, 2011.

Converse performed a visual inspection of the regulated control zone (see enclosed map) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.



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731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429

Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: lasvegas@converseconsultants.com



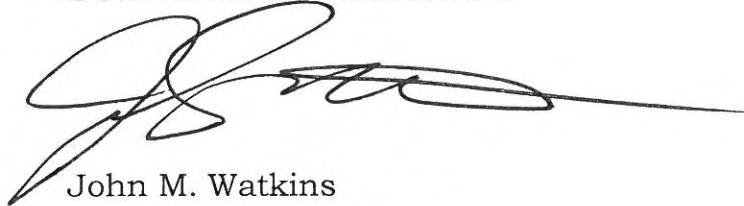
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
January 4, 2011  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

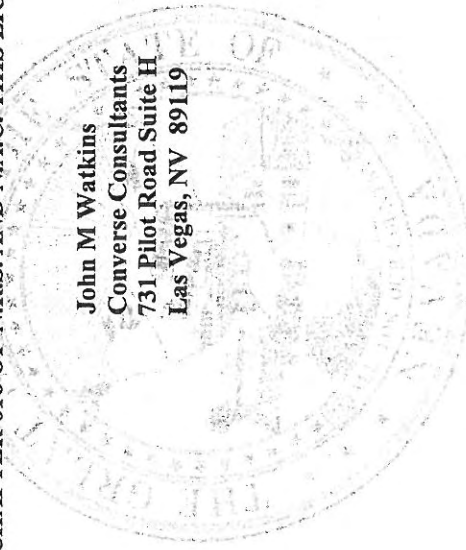
**ASBESTOS CONTROL PROGRAM**

DATE 10/04/10

LICENSE NO. IPM-0199

**THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11**

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119



DATE: 10/04/10  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR

Signature

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSPO Rev. 2-06)

(O) 3656



Tronox - 560 West Lake Mead Pkwy. Henderson NV 1-03-2011  
Red line indicates area that was cleared for 20" transite and asbestos wrapped steel pipe 10" and 8" diameter by Converse Consultants to a depth of approximately four feet.





# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

January 6, 2011

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Asbestos Cement Pipe Abatement (Transite) and  
Pipe Wrap Insulation on Three Pipes  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the west side of the facility. The ACMs removed included asbestos cement pipe (transite) and pipe wrap insulation on three pipes on the west side of the Tronox facility. Visual inspection was performed on January 6, 2011.

Converse performed a visual inspection of the regulated control zones (see enclosed map) upon completion of asbestos abatement activities. The regulated control zones were assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zones.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject areas at the time of our inspection.



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731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429

Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: lasvegas@converseconsultants.com



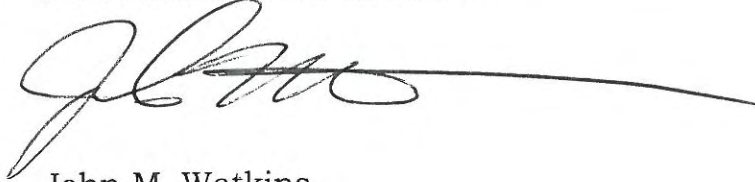
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
January 6, 2011  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zones at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS

A handwritten signature in black ink, appearing to read 'John M. Watkins', with a long horizontal line extending to the right.

John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS CONTROL PROGRAM

DATE 10/04/10 LICENSE NO. IPM-0199

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John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119

DATE: 10/04/10  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR

Signature

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSFO Rev. 2-06)

(O) 3656



Tronox - 560 West Lake Mead Pkwy. Henderson NV 1-06-2011  
Red line indicates area that was cleared for 20" transite and asbestos wrapped steel pipe 10" and 8" diameter by Converse Consultants to a depth of approximately four feet. Red box area was also cleared. Approximately 15 feet of 8" asbestos wrapped steel pipe had been protruding above ground in the area indicated by the red rectangle.





# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

January 19, 2011

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Asbestos Cement Pipe Abatement (Transite) and  
Pipe Wrap Insulation on Two Pipes  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the central portion of the facility. The ACMs removed included asbestos cement pipe (transite) pipe wrap insulation on two pipes on the central portion of the Tronox facility. Visual inspection was performed on January 19, 2011.

Converse performed a visual inspection of the regulated control zone (see enclosed map) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.





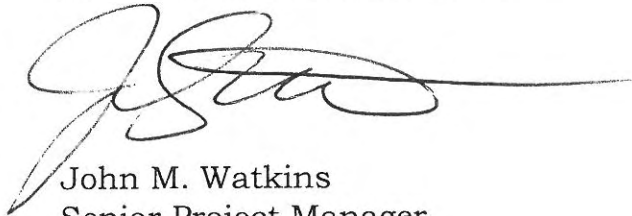
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
January 19, 2011  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

DATE 10/04/10  
ASBESTOS CONTROL PROGRAM  
LICENSE NO. IPM-0199

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119



DATE: 10/04/10  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR

*[Handwritten signature]*

Signature

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M. Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSFO Rev. 2-06)

(O) 3656



Tronox-560 West Lake Mead Parkway, Henderson, NV  
Red line indicates last of the West side to East side transite and asbestos wrapped steel pipe project abated by Greenway Industries and cleared by Converse Consultants 1-19-2011.

# SECTION F

20"- 24" Steel Pipe

RZ-C East





# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

December 23, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Pipe Abatement – East Side and West Side  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the two areas (east side and west side of the facility). The ACMs removed included Thermal System Insulation (TSI) on buried pipe on the west side and transite pipe on the east side of the Tronox facility.

Converse performed a visual inspection of the regulated control zones (see enclosed maps) upon completion of asbestos abatement activities. The regulated control zones were assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zones.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject areas at the time of our inspection.



Printed on  
Recycled Paper

731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429

Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: lasvegas@converseconsultants.com

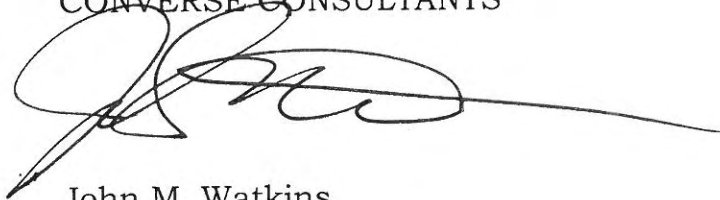
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
December 23, 2010  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zones at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

~~CONVERSE CONSULTANTS~~



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Maps of Work Areas

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS CONTROL PROGRAM  
DATE 10/04/10 LICENSE NO. IPM-0199

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119

*[Handwritten Signature]*  
Signature

DATE: 10/04/10  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

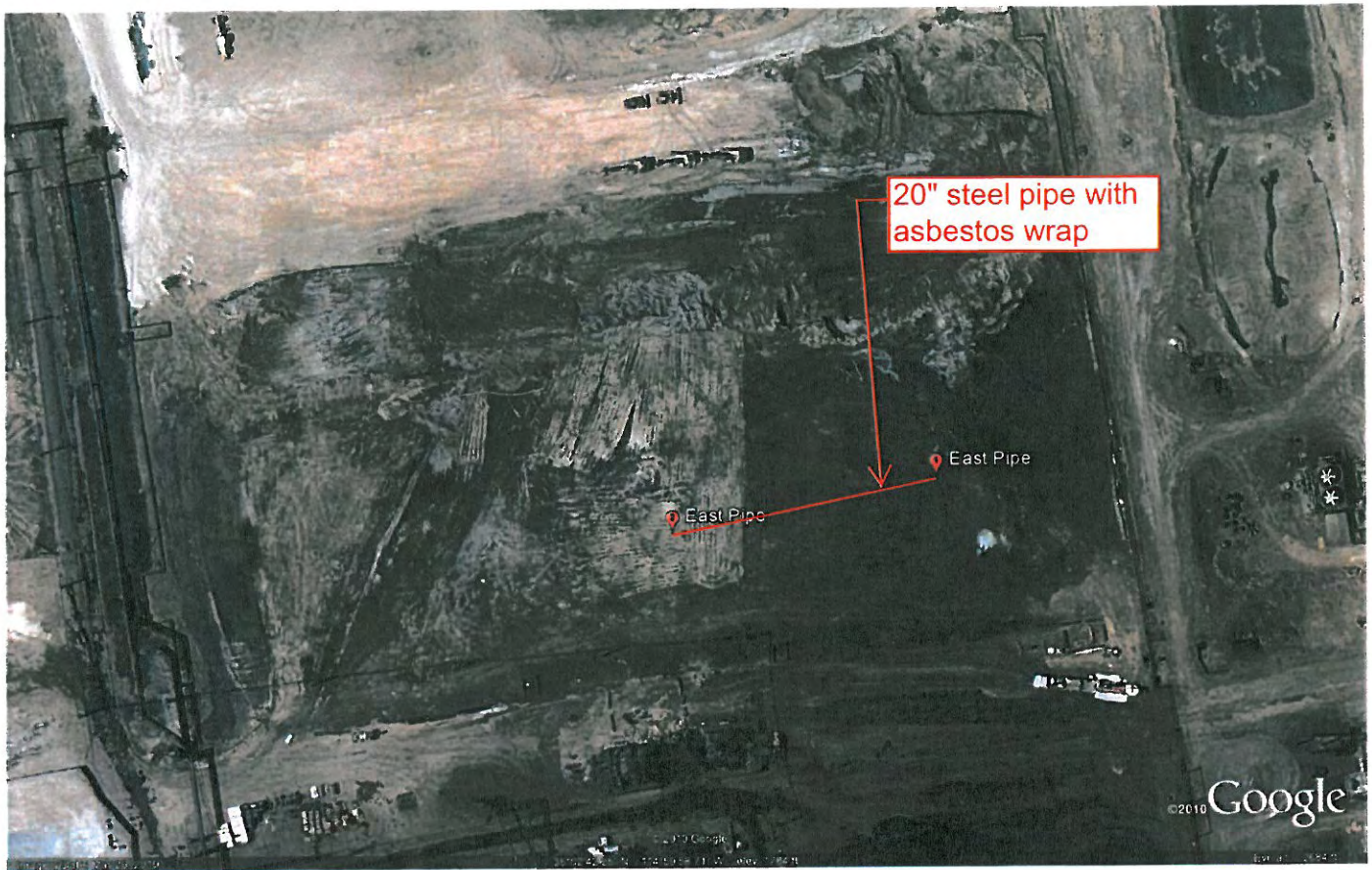
ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSPO Rev. 2-06)

(O) 3656



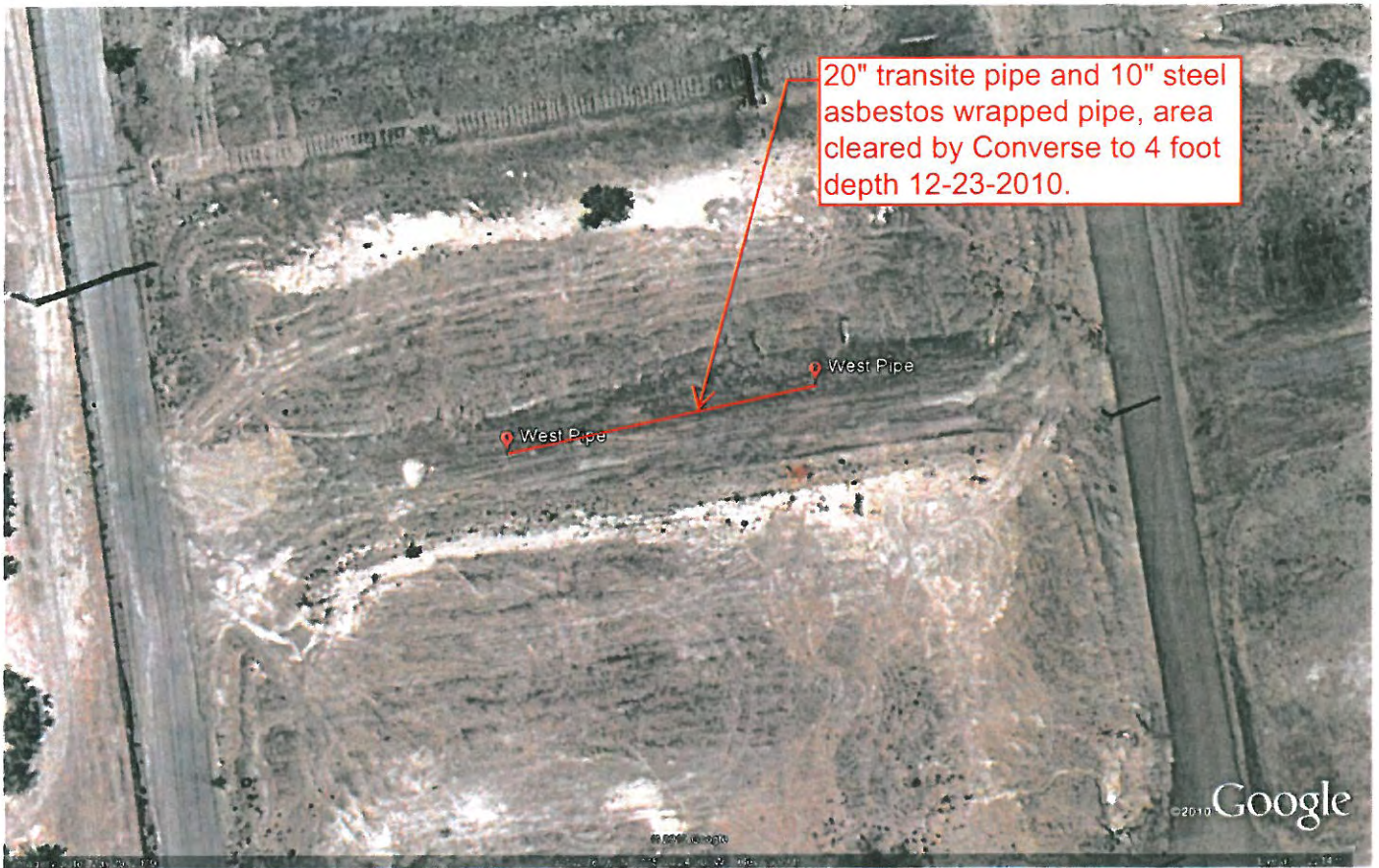




Tronox - 560 West Lake Mead Pkwy. Henderson NV 12-23-2010  
Red line indicates area that was cleared for asbestos wrapped steel pipe by Converse Consultants



↑  
N



Tronox - 560 West Lake Mead Pkwy. Henderson NV 12-23-2010  
Red line indicates area that was cleared for transite and asbestos wrapped steel pipe  
by Converse Consultants to a depth of approximately four feet.



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

December 27, 2010

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection  
Pipe Abatement – East Side  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos containing materials (ACMs) from the east side of the facility. The ACMs removed included Thermal System Insulation (TSI) on buried pipe on the east side of the Tronox facility.

Converse performed a visual inspection of the regulated control zone (see enclosed map) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.



Printed on  
Recycled Paper

731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429

Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: lasvegas@converseconsultants.com



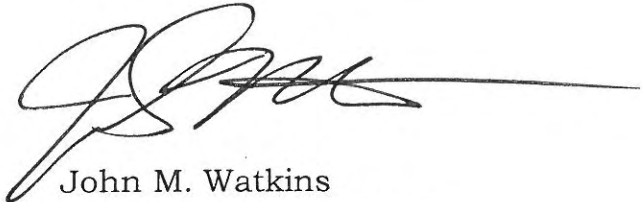
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
December 27, 2010  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee

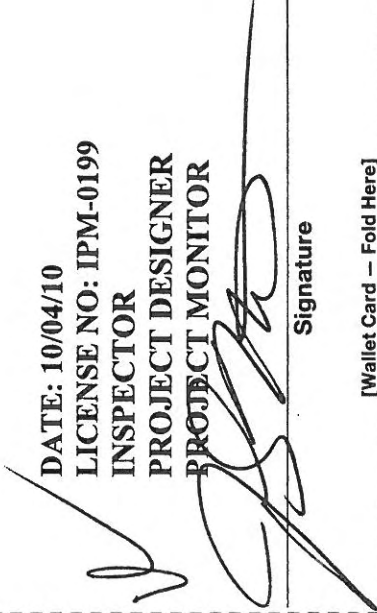
STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

DATE 10/04/10  
ASBESTOS CONTROL PROGRAM  
LICENSE NO. IPM-0199

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119

DATE: 10/04/10  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR



Signature

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSPO Rev. 2-06)

(O) 3656





Tronox - 560 West Lake Mead Pkwy. Henderson NV 12-27-2010  
Red line indicates area that was cleared for asbestos wrapped steel pipe by Converse Consultants



# SECTION G

Beta Ditch

RZ-E



# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Converse Environmental  
John Watkins  
Consultants Southwest Inc  
731 Pilot Rd, Ste H  
Las Vegas, NV 89119

**Client ID:** 1647  
**Report Number:** B144484  
**Date Received:** 01/24/11  
**Date Analyzed:** 01/24/11  
**Date Printed:** 01/24/11  
**First Reported:** 01/24/11

**Job ID/Site:** 10-43153-01; Tronox - Beta Ditch; Tronox Facility - Henderson, NV

**FALI Job ID:** 1647

**Date(s) Collected:** 01/24/2011

**Total Samples Submitted:** 6

**Total Samples Analyzed:** 6

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>TBD-01</b>	01027136						
Layer: Grey Soil			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
<b>TBD-02</b>	01027137						
Layer: Grey Soil			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
<b>TBD-03</b>	01027138						
Layer: Grey Soil			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
<b>TBD-04</b>	01027139						
Layer: Grey Cementitious Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (2 %)							
<b>TBD-05</b>	01027140						
Layer: Grey Soil			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
<b>TBD-06</b>	01027141						
Layer: Brown Semi-Fibrous Material		Chrysotile	<b>15 %</b>	Amosite	<b>7 %</b>		
Total Composite Values of Fibrous Components:		<b>Asbestos (22%)</b>					
Cellulose (Trace)							

Tracy Mitchell, Laboratory Analyst, Las Vegas Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

**Client Name:** Converse Environmental

**Report Number:** B144484

**Date Printed:** 01/24/11

---

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
-----------	------------	------------------	---------------------	------------------	---------------------	------------------	---------------------

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# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

## POLARIZED LIGHT MICROSCOPY ANALYSIS REPORT

Client: CONVERSE CONSULTANTS  
731 PILOT ROAD, SUITE H  
LAS VEGAS, NEVADA 89119  
Account: N/A  
Contact: JOHN WATKINS  
Project No.: 10-43153-01

Date Received: 12/10/10  
Date Analyzed: 12/10/10  
Date Reported: 12/10/10  
Reported To: JOHN WATKINS  
Submitted By: COURIER  
Report No.: 71-186546  
P. O. #: N/A

TRONOX  
TRONOX

I certify that these results are accurate for the samples obtained and comply with accepted methods of analysis.

Lab Manager, Dan R. Dolk

Analyst, Dan R. Dolk

RESULTS: LAB SAMPLE # LAB DESCRIPTION LOCATION	CLIENT SAMPLE #	PERCENT & TYPE OF ASBESTOS	PERCENT & TYPE OF NON-ASBESTOS	LAYER I-H APPEARANCE F-NF
186546 Grey Insulation Debris Area RZE04 South of Trench	T-PID-02	10-20% Chrysotile	10% Cellulose 30% Binders 20% Diatoms 20% Mineral Cleavages	I F
186547 Brown/Grey Debris Area RZE04 North of Trench	T-PID-03	None Detected	<1% Cellulose <1% Glass Fibers 50% Sulfate Binders 50% Mineral Cleavages	I F
186548 Cream Debris Area RZE07	T-PID-04	None Detected	80% Sulfate Binders 20% Mineral Cleavages	I NF
186549 Grey Debris Area RZE07 6 <sup>th</sup> Street Covert	T-PID-05	None Detected	45% Sulfate Binders 55% Mineral Cleavages	I NF
186550 Grey Debris Area RZE12 East End	T-PID-06	5-10% Chrysotile 1% Amosite	39% Sulfate Binders 30% Diatoms 20% Mineral Cleavages	I F
186551 Tan/Black Debris Area RZC03 South Pipe	T-PW-07	None Detected	25% Binders 60% Organic Binders 15% Mineral Cleavages	I NF
186552 Black Debris Area RZC03 North Pipe	T-PW-08	30-40% Chrysotile	40% Organic Binders 20% Mineral Cleavages	I F

Attached are the results of analysis of bulk samples submitted for asbestos identification. Converse Consultants follows EPA Method EPA/600/R-93/116; July 1993.

Each sample was initially examined under a stereoscopic microscopic at a magnification of 10x to 60x. Fibrous material was examined for morphology and content. Portions of each sample were immersed in a fluid with a known refractive index. The sample was examined under polarized light using a Nikon Labophot microscope with a McCrone Dispersion Staining objective under 100X magnification. Optical characteristics of the fibrous material were examined to determine the mineralogy of the fiber. The observed optical characteristics include angles of extinction, signs of elongation and dispersion staining colors. Asbestos fiber content is estimated by optically comparing the quantity of asbestos material and non-asbestos material to establish estimated percentages. Per the method, samples with distinct layers or inhomogenous character have each layer analyzed separately and reported as individual layers. ( I – Inhomogeneous, H – Homogeneous, F – Fibrous, NF – Non-Fibrous)

Bulk sampling may not have been performed by Converse Consultants personnel. No warranty is made as to the acceptability of sampling strategies.

Converse Consultants is National Voluntary Laboratory Accreditation Program accredited. Our NVLAP Lab Code: 102091-0. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report must not be reproduced except in full without the approval of the laboratory. This report relates only to the items tested.

MATERIAL SURVEY DATA

Converse Inspectors: John Watkins  
Project Name: TRONOX  
Project Number: 10-43153-01  
Date Sampled: 12/13/10

Converse Contact: John Watkins  
Project Location: TRONOX  
Asbestos Analysis Type: Bulk (Plm)  
Instructions:

E-Mail: [jwatkins@converseconsultans.com](mailto:jwatkins@converseconsultans.com)  
Northgate  
Bulk (TEM)

Turn-Around Time: (Circle) RUSH 24 Hours 2 Days 3 Days  
Requested: E-MAIL Verbal 702-218-1999

LAB #	SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	APPROX QNTY	COND	FRIABLE YES/NO	COMMENTS	ASBESTOS %
186592	T-PID-09	Pipe insulation debris, grey	Area RZ-E-12, east end					3-5% Clay
186598	T-PID-10	Pipe insulation debris, tan/white	Area RZ-E-16, west end					>1-3% Clay
186599	T-GM-11	Gasket material, brown/tan	Area RZ-E-14C, northeast end					40-90% Clay
186800	T-D-12	White insulation material	Area RZ-E-14C, southwest end					ND
186601	T-D-13	White flaky insulation material	Area RZ-E-12, just west of the road					>1-3% Clay
186602	T-D-14	White/gray insulation materials	Area RZ-E-12, west end					>1-3% Clay
186603	T-PID-15	Pipe insulation debris, grey	Area RZ-E-110, east end					3-5% Clay
186604	T-D-16	Debris, grey	Area RZ-E-110, west end					1% Clay
186605	T-D-17	Debris, white	Area RZ-E-03A, central area					ND
186606	T-D-18	Debris, grey	Area RZ-E-04, west end					ND

MATERIAL		CONDITION		UNITS		ASBESTOS %	
PFI - Pipe Fitting Insulation PPI - Pipe Part Insulation DI - Duct Insulation TI - Tank Insulation TSI - Thermal System Insulation EJ - Expansion Joint BI - Boiler Insulation	FT - Floor tile M - Mastic CB - Core Basic/Inlastic CT - Ceiling Tile AS - Acoustic Spray WP - Wall Plaster	GA - Gasket D - Debris RM - Roofing Material DW - Drywall JC - Joint Compound WI - Wall Texture	G - Good (No maintenance is required currently) <10% D - Damaged (Some repair needed) SD - Significantly Damaged (Repair or replace ASAP)	LF - Linear Feet SF - Square Feet CF - Cubic Feet	A - C - ND	Amosite Asbestos Crocidolite Asbestos No Asbestos Detected	

Relinquished By: \_\_\_\_\_ Date/ Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date/ Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/ Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/ Time: \_\_\_\_\_



MATERIAL SURVEY DATA

Converse Inspectors: John Watkins  
Project Name: TRONOX  
Project Number: 10-43153-01  
Date Sampled: 12/13/10

Converse Contact: John Watkins  
Project Location: TRONOX  
Asbestos Analysis Type: Bulk (PLM)  
Instructions:

E-Mail: [jwatkins@converseconsultants.com](mailto:jwatkins@converseconsultants.com)  
Northgate  
Bulk (TEM)

Turn-Around Time: (Circle) RUSH → 24 Hours 2 Days 3 Days  
Requested: E-MAIL Verbal 702-218-1999

LAB #	SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	APPROX QNTY	COND	FRIBLE YES/NO	COMMENTS	ASBESTOS %
1%6602	T-D-19	Debrns, grey	Area RZ-E-04, east central area					<1% Chy
1%6605	T-PIID-20	Pipe insulation Debrns, grey	Area RZ-E-06, west end					<1% Chy
1%6609	T-D-21	Debrns, grey	Area RZ-E-06, central area					<1% Chy
1%6602	T-D-22	Debrns, grey	Area RZ-E-06, east end					ND
1%6611	T-D-23	Debrns, grey	Area RZ-E-09, central area					ND
1%6612	T-PM-24	Pipe mastic insulation	Area RZ-C-03, south pipe					ND
1%6613	T-PM-25	Pipe mastic insulation	Area RZ-C-03, south pipe					ND
1%6614	T-PM-26	Pipe mastic insulation	Area RZ-C-03, south pipe					<1% Chy

MATERIAL	CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitting Insulation PPI - Pipe Part Insulation DI - Duct Insulation TI - Tank Insulation TSI - Thermal System Insulation EJ - Expansion Joint BI - Boiler Insulation	FT - Floor tile M - Mastic CB - Core Basic/Mastic CT - Ceiling Tile AS - Acoustic Spray WP - Wall Plaster	GA - Gasket D - Debris RM - Roofing Material DW - Drywall JC - Joint Compound WT - Wall Texture	G - Good (No maintenance is required currently) <10% D - Damaged (Some repair needed) SD - Significantly Damaged (Repair or replace ASAP)
		LF - Linear Feet SF - Square Feet CF - Cubic Feet	A - Amosite Asbestos C - Crocidolite Asbestos ND - No Asbestos Detected

Relinquished By: [Signature] Date/ Time: 12-13-10

Received By: [Signature] Date/ Time: 14 Dec 10

Relinquished By: \_\_\_\_\_ Date/ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date/ Time: \_\_\_\_\_



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

## POLARIZED LIGHT MICROSCOPY ANALYSIS REPORT

Client: CONVERSE CONSULTANTS  
 731 PILOT ROAD, SUITE H  
 LAS VEGAS, NEVADA 89119

Account: N/A  
 Contact: JOHN WATKINS  
 Project No.: 10-43153-01

Date Received: 12/14/10  
 Date Analyzed: 12/14/10  
 Date Reported: 12/14/10  
 Reported To: JOHN WATKINS  
 Submitted By: COURIER  
 Report No.: 71-186597  
 P. O. #: N/A

TRONOX  
TRONOX

I certify that these results are accurate for the samples obtained and comply with accepted methods of analysis.

Lab Manager, Dan R. Dolk

Analyst, Dan R. Dolk

RESULTS: LAB SAMPLE # LAB DESCRIPTION LOCATION	CLIENT SAMPLE #	PERCENT & TYPE OF ASBESTOS	PERCENT & TYPE OF NON-ASBESTOS	LAYER I-H APPEARANCE F-NF
186597A Grey Debris Area RZ-E-12 East End	T-PID-09-A	3-5% Chrysotile	60% Binders 35% Mineral Cleavages	I F
186597B Tan Debris Area RZ-E-12 East End	T-PID-09-B	None Detected	<1% Cellulose 50% Binders 50% Mineral Cleavages	I F
186598 Grey Debris Area RZ-E-16 West End	T-PID-10	>1-3% Chrysotile	2% Cellulose 50% Sulfate Binders 45% Mineral Cleavages	I F
186599A Tan Coating Area RZ-E-14C Northeast End	T-GM-11-A	None Detected	<1% Cellulose 30% Binders 70% Mineral Cleavages	I F
186599B White Fiberboard Area RZ-E-14C Northeast End	T-GM-11-B	85-95% Chrysotile	5% Mineral Cleavages	I F
186599C Brown Coating Area RZ-E-14C Northeast End	T-GM-11-C	70-80% Chrysotile	10% Organic Binders 10% Mineral Cleavages	I F
186600 White Poured Insulation Area RZ-E-14C Southwest End	T-D-12	None Detected	95% Carbonate Binders 5% Mineral Cleavages	I NF
186601 Grey Insulation Debris Area RZ-E-12 Just West of the Road	T-D-13	>1-3% Chrysotile	5% Cellulose 40% Carbonate Binders 30% Diatoms 22% Mineral Cleavages	I F

t:\asbestos.lab\l\converse\71-186597.doc

Page 1 of 3

4840 Mill Street, Suite 5  
 Reno, Nevada 89502  
 Telephone (775) 856-3833 ♦ Fax (775) 856-3513

4708 Roseville Road, Suite 114  
 North Highlands, California 95660  
 Telephone (916) 331-5444 ♦ Fax (916) 331-6444

RESULTS: LAB SAMPLE # LAB DESCRIPTION LOCATION	CLIENT SAMPLE #	PERCENT & TYPE OF ASBESTOS	PERCENT & TYPE OF NON-ASBESTOS	LAYER I-H APPEARANCE F-NF
186602 Grey Insulation Debris Area RZ-E-12 West End	T-D-14	>1-3% Chrysotile	12% Cellulose 25% Binders 30% Sulfate Binders 30% Mineral Cleavages	I F
186603 Grey Insulation Debris Area RZ-E-110 East End	T-PID-15	3-5% Chrysotile	<1% Cellulose 55% Binders 5% Carbonate Binders 25% Diatoms 10% Mineral Cleavages	I F
186604 Grey Powder Debris Area RZ-E-110 West End	T-D-16	1% Chrysotile	<1% Cellulose 35% Binders 20% Diatoms 44% Mineral Cleavages	I F
186605 White/Brown Debris Area RZ-E-03A Central Area	T-D-17	None Detected	<1% Cellulose 55% Binders 45% Mineral Cleavages	I F
186606A Grey Debris Area RZ-E-04 West End	T-D-18-A	None Detected	50% Binders 50% Mineral Cleavages	I NF
186606B White Debris Area RZ-E-04 West End	T-D-18-B	None Detected	<1% Cellulose 80% Binders 20% Mineral Cleavages	I F
186607 Grey Brown Debris Area RZ-E-04 East Central Area	T-D-19	<1% Chrysotile	<1% Cellulose 40% Binders 60% Mineral Cleavages	I F
186608 Grey Debris Area RZ-E-06 West End	T-PID-20	<1% Chrysotile	5% Cellulose 30% Sulfate Binders 15% Mineral Cleavages 50% Carbonized Material	I F
186609 Grey Debris Area RZ-E-06 Central Area	T-D-21	<1% Chrysotile	<1% Cellulose 35% Binders 20% Mineral Cleavages 45% Carbonized Material	I F
186610 Grey Debris Area RZ-E-06 East End	T-D-22	None Detected	5% Cellulose 5% Glass Fibers 40% Binders 25% Mineral Cleavages 25% Carbonized Material	I F
186611 Grey Debris Area RZ-E-09 Central Area	T-D-23	None Detected	5% Cellulose 30% Binders 35% Mineral Cleavages 30% Carbonized Material	I F
186612 Black Pipe Mastic Area RZ-C-03 South Pipe	T-PM-24	None Detected	<1% Cellulose 75% Organic Binders 25% Mineral Cleavages	I F

RESULTS: LAB SAMPLE # LAB DESCRIPTION LOCATION	CLIENT SAMPLE #	PERCENT & TYPE OF ASBESTOS	PERCENT & TYPE OF NON-ASBESTOS	LAYER I-H APPEARANCE F-NF
186613 Black Pipe Mastic Area RZ-C-03 South Pipe	T-PM-25	None Detected	<1% Cellulose <1% Glass Fibers 80% Organic Binders 20% Mineral Cleavages	I F
186614 Black Pipe Mastic Area RZ-C-03 South Pipe	T-PM-26	<1% Chrysotile	<1% Cellulose 85% Organic Binders 15% Mineral Cleavages	I F

Attached are the results of analysis of bulk samples submitted for asbestos identification. Converse Consultants follows EPA Method EPA/600/R-93/116; July 1993.

Each sample was initially examined under a stereoscopic microscope at a magnification of 10x to 60x. Fibrous material was examined for morphology and content. Portions of each sample were immersed in a fluid with a known refractive index. The sample was examined under polarized light using a Nikon Labophot microscope with a McCrone Dispersion Staining objective under 100X magnification. Optical characteristics of the fibrous material were examined to determine the mineralogy of the fiber. The observed optical characteristics include angles of extinction, signs of elongation and dispersion staining colors. Asbestos fiber content is estimated by optically comparing the quantity of asbestos material and non-asbestos material to establish estimated percentages. Per the method, samples with distinct layers or inhomogenous character have each layer analyzed separately and reported as individual layers. (I – Inhomogeneous, H – Homogeneous, F – Fibrous, NF – Non-Fibrous)

Bulk sampling may not have been performed by Converse Consultants personnel. No warranty is made as to the acceptability of sampling strategies.

Converse Consultants is National Voluntary Laboratory Accreditation Program accredited. Our NVLAP Lab Code: 102091-0. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report must not be reproduced except in full without the approval of the laboratory. This report relates only to the items tested.



**MATERIAL SURVEY DATA**

Converse Inspectors: John Watkins	Project Name: TRONOX	Project Number: 10-43153-01	Date Sampled: 12/13/10
Converse Contact: John Watkins	Project Location: TRONOX	Asbestos Analysis Type: Bulk (PLM)	Instructions:
E-Mail: <a href="mailto:jwatkins@converseconsultants.com">jwatkins@converseconsultants.com</a>	Northgate	Bulk (TEM)	

Turn-Around Time: (Circle) RUSH 24 Hours 2 Days 3 Days  
 Requested: E-MAIL Verbal 702-218-1999

LAB #	SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	APPROX QNTY	COND	FRIABLE YES/NO	COMMENTS	ASBESTOS %
186592	T-PID-09	Pipe insulation debris, grey	Area RZ-E-12, east end					3-5% Clay
186596	T-PID-10	Pipe insulation debris, tan/white	Area RZ-E-16, west end					21-32% Clay
186599	T-GM-11	Gasket material, brown/tan	Area RZ-E-14C, northeast end					70-90% Clay
186800	T-D-12	White insulation material	Area RZ-E-14C, southwest end					ND
186601	T-D-13	White flaky insulation material	Area RZ-E-12, just west of the road					>1-3% Clay
186602	T-D-14	White/gray insulation materials	Area RZ-E-12, west end					>1-3% Clay
186603	T-PID-15	Pipe insulation debris, grey	Area RZ-E-110, east end					3-5% Clay
186604	T-D-16	Debris, grey	Area RZ-E-110, west end					1% Clay
186605	T-D-17	Debris, white	Area RZ-E-03A, central area					ND
186606	T-D-18	Debris, grey	Area RZ-E-04, west end					ND

MATERIAL	CONDITION	UNITS	ASBESTOS %
FT - Floor tile M - Mastic CB - Core Base/Mastic CT - Ceiling Tile AS - Acoustic Spray WP - Wall Plaster BI - Boiler Insulation	GA - Gasket D - Debris RM - Roofing Material DW - Drywall JC - Joint Compound WT - Wall Texture	G - Good (No maintenance is required currently) <10% D - Damaged (Some repair needed) SD - Significantly Damaged (Repair or replace ASAP)	LF - Linear Feet SF - Square Feet CF - Cubic Feet

Relinquished By: [Signature] Date/Time: 12-13-10  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: [Signature] Date/Time: 14 Dec 10  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

731 Pilot Road, Suite H, Las Vegas, NV 89119

Phone: (702) 263-7600 FAX: (702) 269-8353

Converse Inspectors: John Watkins  
 Project Name: TRONOX  
 Project Number: 10-43153-01  
 Date Sampled: 12/13/10

Converse Contact: John Watkins  
 Project Location: TRONOX  
 Asbestos Analysis Type: Bulk (PLM)  
 Instructions:

E-Mail: jwatkins@converseconsultants.com  
 Northgate  
 Bulk (TEM)

Turn-Around Time: (Circle) RUSH 24 Hours 2 Days 3 Days  
 Requested: E-MAIL Verbal 702-218-1999

LAB #	SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	APPROX QNTY	COND	FRIABLE YES/NO	COMMENTS	ASBESTOS %
186607	T-D-19	Debris, grey	Area RZ-E-04, east central area					<1% Chy
186608	T-PID-20	Pipe insulation Debris, grey	Area RZ-E-06, west end					<1% Chy
186609	T-D-21	Debris, grey	Area RZ-E-06, central area					<1% Chy
186610	T-D-22	Debris, grey	Area RZ-E-06, east end					ND
186611	T-D-23	Debris, grey	Area RZ-E-09, central area					ND
186612	T-PM-24	Pipe mastic insulation	Area RZ-C-03, south pipe					ND
186613	T-PM-25	Pipe mastic insulation	Area RZ-C-03, south pipe					ND
186614	T-PM-26	Pipe mastic insulation	Area RZ-C-03, south pipe					<1% Chy

MATERIAL	CONDITION	UNITS	ASBESTOS %
FT - Floortile M - Mastic CB - Core Basic/Mastic CT - Ceiling Tile AS - Acoustic Spray WP - Wall Plaster GA - Gasket D - Debris RM - Roofing Material DW - Drywall JC - Joint Compound WI - Wall Texture G - Good (No maintenance is required currently) <10% D - Damaged (Some repair needed) SD - Significantly Damaged (Repair or replace ASAP) LF - Linear Feet SF - Square Feet CF - Cubic Feet A - C - ND			

Relinquished By: \_\_\_\_\_ Date/ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date/ Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date/ Time: \_\_\_\_\_

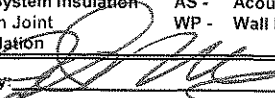
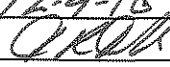
Received By: \_\_\_\_\_ Date/ Time: \_\_\_\_\_

MATERIAL SURVEY DATA

Converse Inspectors: John Watkins	Project Name: TRONOX	Project Number: 10-43153-01	Date Sampled: 12/09/10
Converse Contact: John Watkins	Project Location: TRONOX	Asbestos Analysis Type: <b>Bulk (PLM)</b>	Instructions:
E-Mail: <a href="mailto:jwatkins@converseconsultants.com">jwatkins@converseconsultants.com</a>	Pre-Demolition Survey	Bulk (TEM)	
Turn-Around Time: (Circle) <b>RUSH</b>	24 Hours	2 Days	3 Days
Requested: <b>E-MAIL</b>		Verbal 702-218-1999	

LAB #	SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	APPROX QNTY	COND	FRIABLE YES/NO	COMMENTS	ASBESTOS %
186546	T-PID-02	Pipe insulation debris, grey	Area RZE04 south of trench					10-20% Chry
186547	T-PID-03	Pipe insulation debris, grey	Area RZE04 north of trench					ND
186548	T-PID-04	Pipe insulation debris, white	Area RZE07					ND
186549	T-PID-05	Pipe insulation debris, grey/tan	Area RZE07, 6 <sup>th</sup> Street covert					ND
186550	T-PID-06	Pipe insulation debris, grey/tan/white	Area RZE12, east end					5-10% Chrysotile 1% Amosite
186551	T-PW-07	Pipe wrap insulation	Area RZC03, south pipe					ND
186552	T-PW-08	Pipe wrap insulation	Area RZC03, north pipe					30-40% Chry.

MATERIAL			CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitting Insulation	FT - Floortile	GA - Gasket	G - Good (No maintenance is required currently) <10%	LF - Linear Feet	A - Amosite Asbestos
PPI - Pipe Part Insulation	M - Mastic	D - Debris	D - Damaged (Some repair needed)	SF - Square Feet	C - Chrysotile Asbestos
DI - Duct Insulation	CB - Core Basic/Mastic	RM - Roofing Material	SD - Significantly Damaged (Repair or replace ASAP)	CF - Cubic Feet	ND - No Asbestos Detected
TI - Tank Insulation	CT - Ceiling Tile	DW - Drywall			
TSI - Thermal System Insulation	AS - Acoustic Spray	JC - Joint Compound			
EJ - Expansion Joint	WP - Wall Plaster	Wt. - Wall Texture			
BI - Boiler Insulation					

Relinquished By: 	Relinquished By: _____	Relinquished By: _____	Relinquished By: _____
Date/ Time: 12-9-10	Date/ Time: _____	Date/ Time: _____	Date/ Time: _____
Received By: 	Received By: _____	Received By: _____	Received By: _____
Date/ Time: 10 Dec 10	Date/ Time: _____	Date/ Time: _____	Date/ Time: _____



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

January 17, 2011

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection - Beta Ditch Phase 1  
Soil Contaminated with Asbestos  
Thermal System Insulation Debris  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos contaminated soil from the **Beta Ditch** (see enclosed map) located on the Tronox facility. The ACMs removed included asbestos containing thermal system insulation debris. The visual inspection was performed on January 14, 2011.

Converse performed a visual inspection of the regulated control zone (see enclosed map) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.



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Recycled Paper

731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429

Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: lasvegas@converseconsultants.com



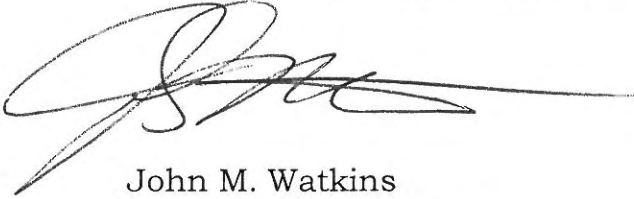
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
January 17, 2011  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS CONTROL PROGRAM

DATE 10/04/10

LICENSE NO. IPM-0199

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119

DATE: 10/04/10  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR

Signature

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSFO Rev. 2-06)

(O) 3656



Tronox - 560 West Lake Mead Parkway, Henderson NV. Beta Ditch Phase 1

Area inside red line on aerial map indicates the limits of the visual asbestos abatement clearance done by Converse Consultants on January 14, 2011 at 12:45 PM.





# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

February 8, 2011

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection - Beta Ditch Phase 2  
Soil Contaminated with Asbestos  
Thermal System Insulation Debris  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos contaminated soil from the **Beta Ditch** (see enclosed map) located on the Tronox facility. The ACMs removed included asbestos containing thermal system insulation debris. The visual inspection was performed on January 25, 2011.

Converse performed a visual inspection of the regulated control zone (see enclosed map) upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.



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731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429

Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: lasvegas@converseconsultants.com



This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License  
Map of Work Area

Dist: 2/Addressee

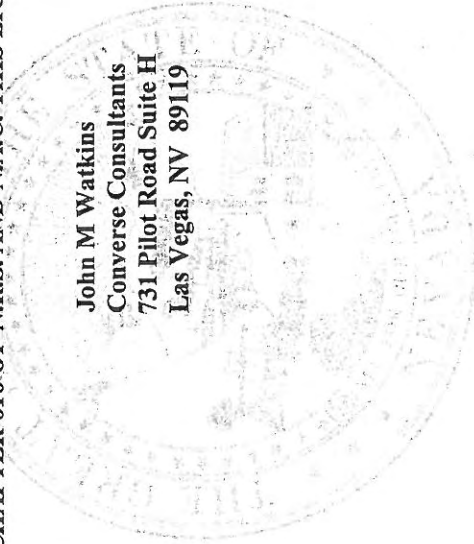
STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS CONTROL PROGRAM

DATE 10/04/10 LICENSE NO. IPM-0199

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119



DATE: 10/04/10  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR

Signature

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STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSPO Rev. 2-06)

(O) 3656



Beta Ditch Phase 2



Image Date: 6/26/2010

© 2010 Google  
© 2010 Europa Technologies  
36° 02' 48.3177" N 115° 00' 12.23" W elev: 1073 ft

© 2010 Google

Eye alt: 2000 ft





# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

February 8, 2011

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection - Beta Ditch Phase 3  
Soil Contaminated with Asbestos  
Thermal System Insulation Debris  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos contaminated soil from the **Beta Ditch** located on the Tronox facility. The ACMs removed included asbestos containing thermal system insulation debris. The visual inspection was performed on February 8, 2011.

Converse performed a visual inspection of the regulated control zone upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.

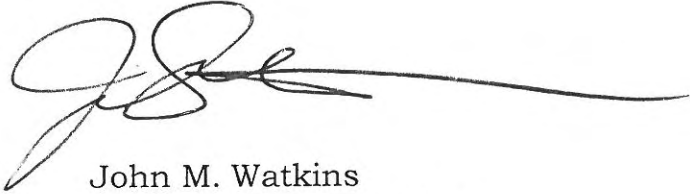


This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS

A handwritten signature in black ink, appearing to read 'J. Watkins', with a long horizontal flourish extending to the right.

John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License

Dist: 2/Addressee

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS CONTROL PROGRAM  
DATE 10/04/10  
LICENSE NO. IPM-0199

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119

DATE: 10/04/10  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR

Signature

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STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSFO Rev. 2-06)

(O) 3655



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

February 9, 2011

10-43153-01

Mr. James E. Hampton  
Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, CA 94612

Subject: **Asbestos Consulting Services**  
Final Visual Inspection - Beta Ditch Phase 4  
Soil Contaminated with Asbestos  
Thermal System Insulation Debris  
Tronox  
8000 Lake Mead Parkway, Gate 2  
Henderson, Nevada

Dear Mr. Hampton:

At your request and authorization, Converse Consultants (Converse) is pleased to submit the following information regarding the abatement of asbestos contaminated soil from the **Beta Ditch** located on the Tronox facility. The ACMs removed included asbestos containing thermal system insulation debris. The visual inspection was performed on February 9, 2011.

Converse performed a visual inspection of the regulated control zone upon completion of asbestos abatement activities. The regulated control zone was assessed for signs of visible ACM debris. No readily identifiable visual signs of asbestos debris were found within the regulated control zone.

The visual inspection was conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-05e1 standard. This report applies only to the subject area at the time of our inspection.

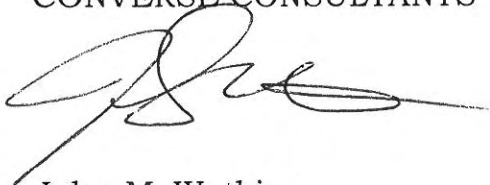
Northgate Environmental Management, Inc.  
Project No. 10-43153-01  
February 9, 2011  
Page 2

This report is for the use of Northgate Environmental Management, Inc, as it applies to the subject regulated control zone at the subject site. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that future exposure to airborne asbestos fibers will not occur. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the results of this assessment may not be valid unless these changes and additional relevant information are reviewed by Converse and if this assessment is modified or verified in writing.

If you have any questions regarding this information, please contact us at your convenience.

Sincerely,

CONVERSE CONSULTANTS



John M. Watkins  
Senior Project Manager  
Nevada Asbestos Abatement Consultant  
License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License

Dist: 2/Addressee



STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS CONTROL PROGRAM

DATE 10/04/10 LICENSE NO. IPM-0199

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES ON 10/04/11

John M Watkins  
Converse Consultants  
731 Pilot Road Suite H  
Las Vegas, NV 89119

DATE: 10/04/10  
LICENSE NO: IPM-0199  
INSPECTOR  
PROJECT DESIGNER  
PROJECT MONITOR

Signature

[Wallet Card - Fold Here]

STATE OF NEVADA  
DEPARTMENT OF BUSINESS AND INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS ABATEMENT CONSULTANT  
John M Watkins  
Converse Consultants  
HAS PAID THE FEE REQUIRED BY  
CHAPTER 618 OF N.A.C 10/04/11

(NSFO Rev. 2-06)

(O) 3656



# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

## POLARIZED LIGHT MICROSCOPY ANALYSIS REPORT

Client: CONVERSE CONSULTANTS  
731 PILOT ROAD, SUITE H  
LAS VEGAS, NEVADA 89119  
Account: N/A  
Contact: JOHN WATKINS  
Project No.: 10-43153-01

Date Received: 09/01/10  
Date Analyzed: 09/01/10  
Date Reported: 09/01/10  
Reported To: JOHN WATKINS  
Submitted By: COURIER  
Report No.: 71-184691  
P. O. #: N/A

### BETA DITCH TRONOX

I certify that these results are accurate for the samples obtained and comply with accepted methods of analysis.

Lab Manager, Dan R. Dolk

Analyst, Dan R. Dolk

RESULTS: LAB SAMPLE # LAB DESCRIPTION LOCATION	CLIENT SAMPLE #	PERCENT & TYPE OF ASBESTOS	PERCENT & TYPE OF NON-ASBESTOS	LAYER I-H APPEARANCE F-NF
184691 Grey Debris Beta Ditch South of Pond AB5	B-X-01	5-10% Chrysotile	40% Carbonate Binders 50% Mineral Cleavages	I F

Attached are the results of analysis of bulk samples submitted for asbestos identification. Converse Consultants follows EPA Method EPA/600/R-93/116; July 1993.

Each sample was initially examined under a stereoscopic microscopic at a magnification of 10x to 60x. Fibrous material was examined for morphology and content. Portions of each sample were immersed in a fluid with a known refractive index. The sample was examined under polarized light using a Nikon Labophot microscope with a McCrone Dispersion Staining objective under 100X magnification. Optical characteristics of the fibrous material were examined to determine the mineralogy of the fiber. The observed optical characteristics include angles of extinction, signs of elongation and dispersion staining colors. Asbestos fiber content is estimated by optically comparing the quantity of asbestos material and non-asbestos material to establish estimated percentages. Per the method, samples with distinct layers or inhomogenous character have each layer analyzed separately and reported as individual layers. (I – Inhomogeneous, H – Homogeneous, F – Fibrous, NF – Non-Fibrous)

Bulk sampling may not have been performed by Converse Consultants personnel. No warranty is made as to the acceptability of sampling strategies.

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