SECTION A

Basement Unit Building 1



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.

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:1s

Encl: Asbestos Abatement Consultant License

DATE: 11/16/09 LICENSE NO: IPM-0199 INSPECTOR PROJECT DESIGNER	A	[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 (NSPO Rev. 2-06) (0) 3656	
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 <u>CONSULTANT</u> 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			

SECTION B

Basement Unit Building 2



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.

Northgate Environmental Management, Inc. Project No. 10-43153-01 December 17, 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



DATE: 10/04/10 LICENSE NO: IPM-0199	PROJECT DESIGNER	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) (0) 3656	
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	Tohn M WASHING	Converse Consultants 731 Pilot Road Suite H Las Vegas, NV 89119			

SECTION C

Pipe & Pipe Wrap Northwest Corner of Site



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.

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

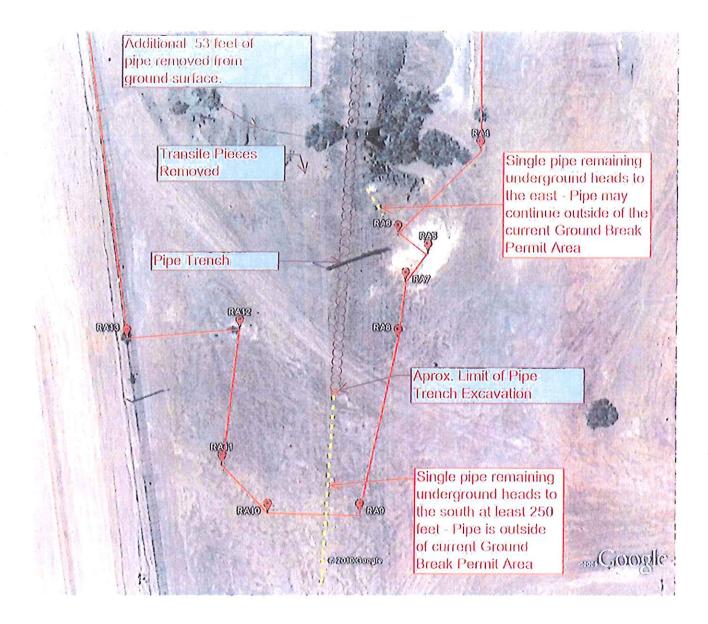
CONVERSE CONSULTANTS

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

JMW:ls

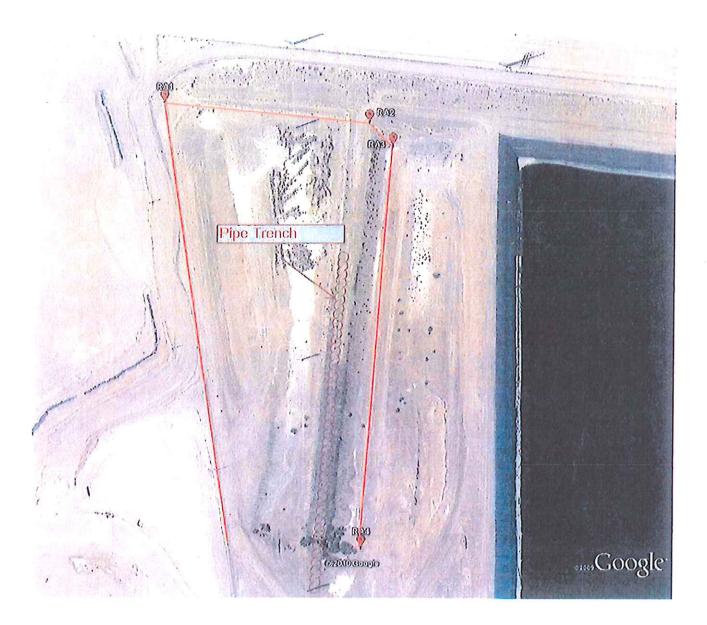
Encl: Asbestos Abatement Consultant License Maps of Work Area

DATE: 11/16/09 LICENSE NO: IPM-0199 INSPECTOR PROJECT DESIGNER PROJECT MONITOR	R	[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 NALC. 11/16/10 00 Rev. 2-00] (2) 3656	
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 <u>CONSULTANT</u> 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		



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



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.

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:1s

Encl: Asbestos Abatement Consultant License Map of Work Area



Tronox Aerial

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

DATE: 11/16/09 LICENSE NO: IPM-0199 INSPECTOR PROJECT DESIGNER PROJECT MONITOR	Signature	[Wallet Card – Fold Here] STATE OF NEVADA STATE OF NEVADA 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. 111/6/10 (NSPO Rev. 2-06)	
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 <u>CONSULTANT</u> 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	

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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.



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

DATE: 11/16/09 LICENSE NO: IPM-0199 INSPECTOR PROJECT DESIGNER	TRUJECT MONITOR Signature [Wallet Card - Fold Here]	STATE OF NEVADA BEPARTMENT 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 (0) 3656 (0) 3656
STATE OF NEVADA BEPARTMENT OF BUSINESS AND INDUSTRY DEPARTMENT OF BUSINESS AND INDUSTRY DIVISION OF INDUSTRIAL RELATIONS OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION ASBESTOS CONTROL PROGRAM DATE 11/16/10	ENT <u>CONSULT</u> , R 618 OF N.R.S. John M. W	Converse Consultants 731 Pilot Road, Suite H Las Vegas, NV 89119	

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Approximately 200 feet of asbestos wrapped pipe was removed. Pipe trench was 3 feet wide x 2 feet deep. The open trench was visually WPIL inspected and cleared 9-3-2010 by Converse Consultants.(Aerial Map by Earth Resource Group) NPILS zue Google 010 Goo

> Tronox Aerial View 8000 West Lake Mead Parkway Henderson, Nevada



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.



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

DATE: 11/16/09 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. 11/16/10 (NSPO Rev. 2-06)	
STATE OF NEVADA 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		

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SECTION D

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



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.

Northgate Environmental Management, Inc. Project No. 10-43153-01 November 12, 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 GONSULTANTS

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

) IPM-0199	SIGNER	Iture	- Fold Here]	NEVADA INESS AND INDUSTRY STRIAL RELATIONS 3 HEALTH ADMINISTRATION	ASBESTOS ABATEMENT CONSULTANT John M Watkins Converse Consultants HAS PAID THE FEE REQUIRED BY CHAPTER 618 OF N.A.C. 100AUT	(0) 3656	
LICENSE NO: IPM-0199	PROJECT DESIGNER	1 Signature	[Wallet Card - Fold Here]	STATE OF NEVADA DEPARTMENT OF BUSINESS AND INDUSTRY DIVISION OF INDUSTRIAL RELATIONS OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	ASBESTOS ABATEMENT CONSU John M Watkins Converse Consultants HAS PAID THE FEE REQUIRED I CHAPTER 618 OF WA C LUMALI	(NSPO Rev. 2-06)	
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 <u>CONSULTANT</u> 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		L'ELEN V	





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.

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,

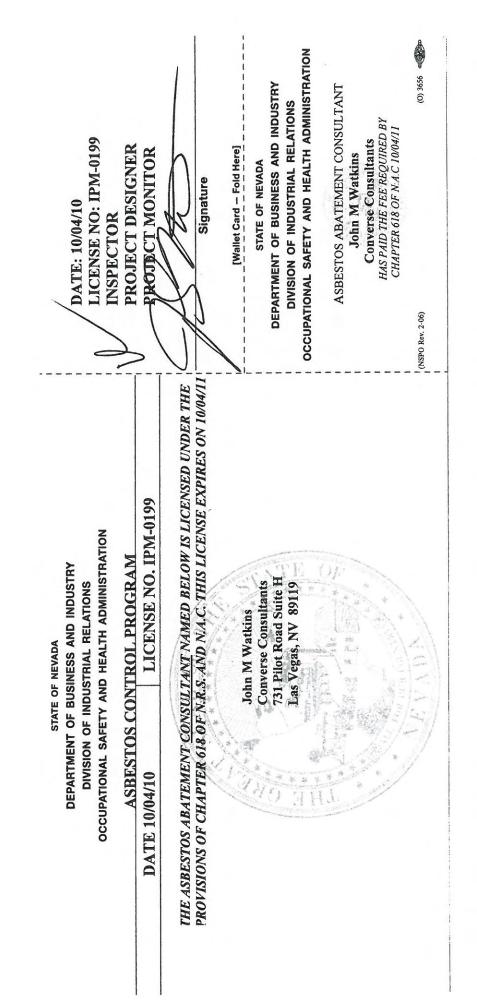
CONVERSE CONSULTANTS

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







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





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.





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.

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.

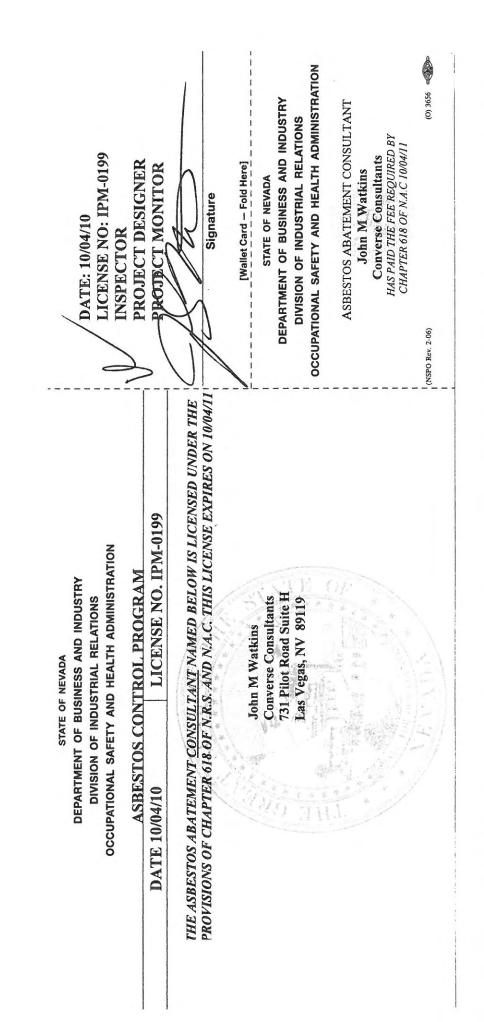
Sincerely,

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





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



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.

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



DATE: 10/04/10 LICENSE NO: IPM-0199 INSPECTOR PROJECT DESIGNER	Sp	[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 a (2020)	
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			



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.



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.

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



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) (0) 3656 (0) 3656
STATE OF NEVADA DEPARTMENT OF BUSINESS AND INDUSTRY DIVISION OF INDUSTRIAL RELATIONS OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION ASBESTOS CONTROL PROGRAM	LICENSE NO. IPM-0199	SULTANT NAMED BELOW IS LICENSED UNDER THE 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		- LUNA
DEPARTMENT OI DIVISION OF OCCUPATIONAL SAFET ASBESTOS (DATE 10/04/10	THE ASBESTOS ABATEMENT CONSULTANT NAMED PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C.				7



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.



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.

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.

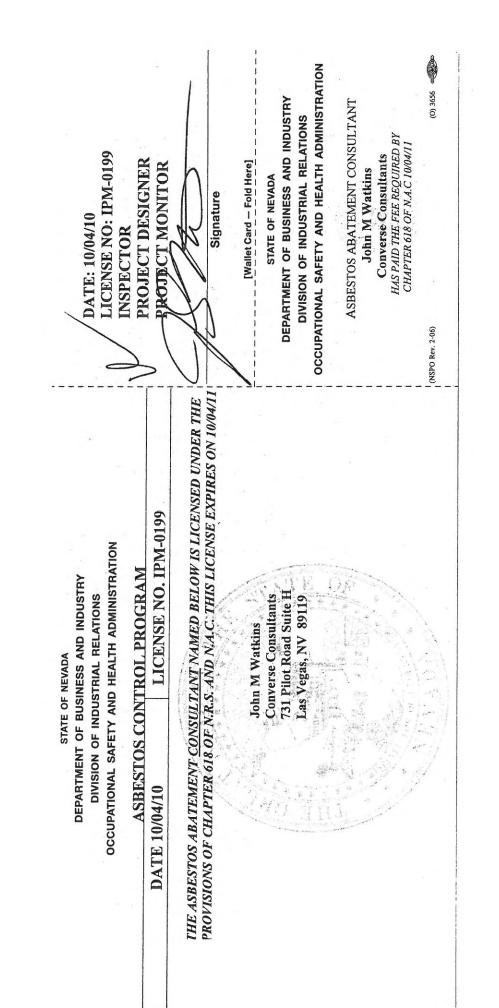
Sincerely,

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





Tronox - 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. *



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.

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.

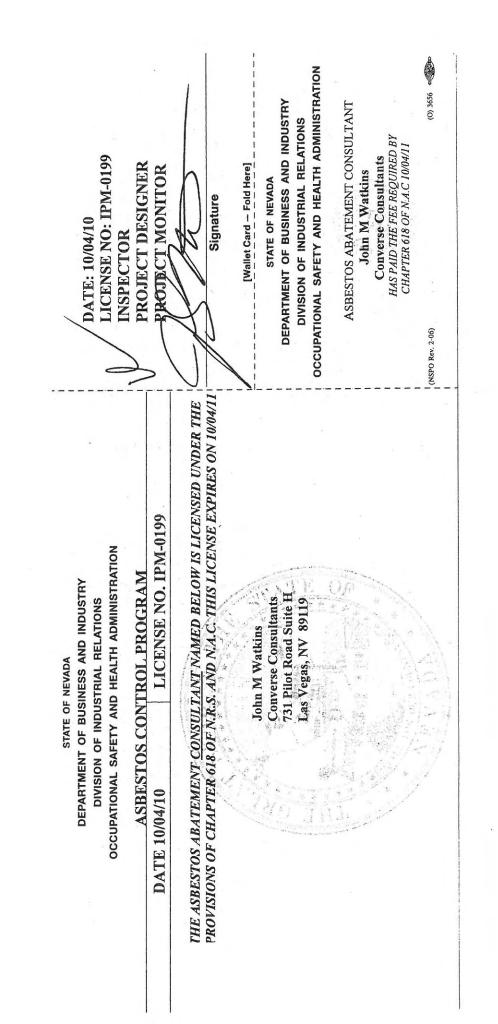
Sincerely,

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





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.



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.

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,

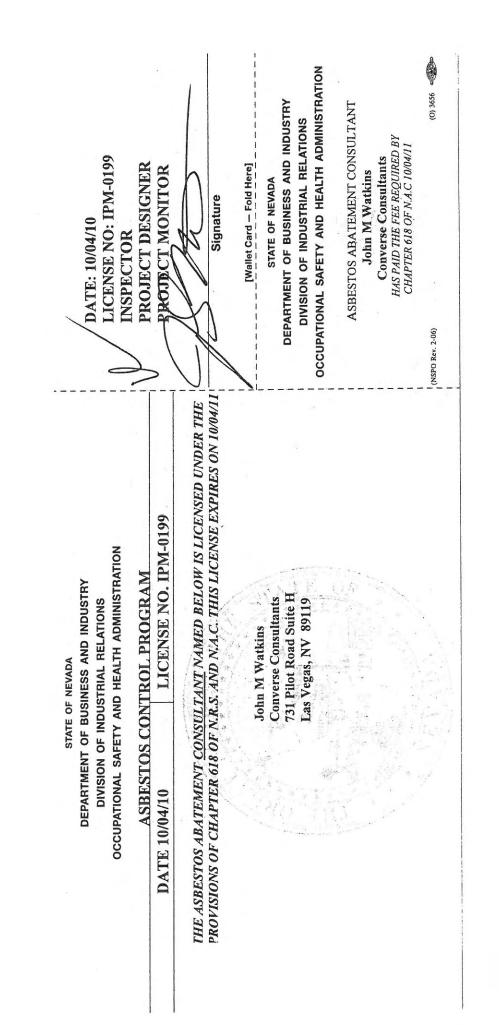
CONVERSE CONSULTANTS

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







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.



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.

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.

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Sincerely,

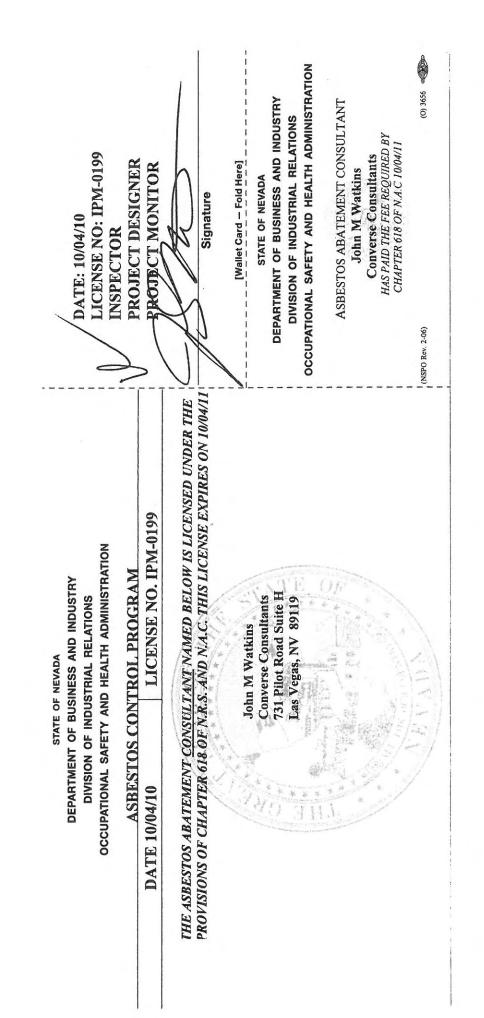
CONVERSE CONSULTANTS

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

JMW:1s

Encl: Asbestos Abatement Consultant License Map of Work Area







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.

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,

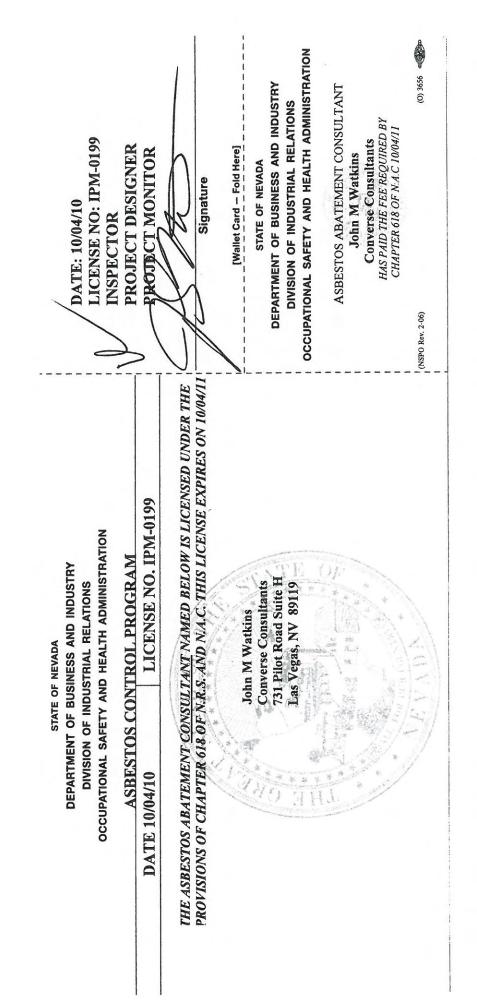
CONVERSE CONSULTANTS

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







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





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.





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.

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.

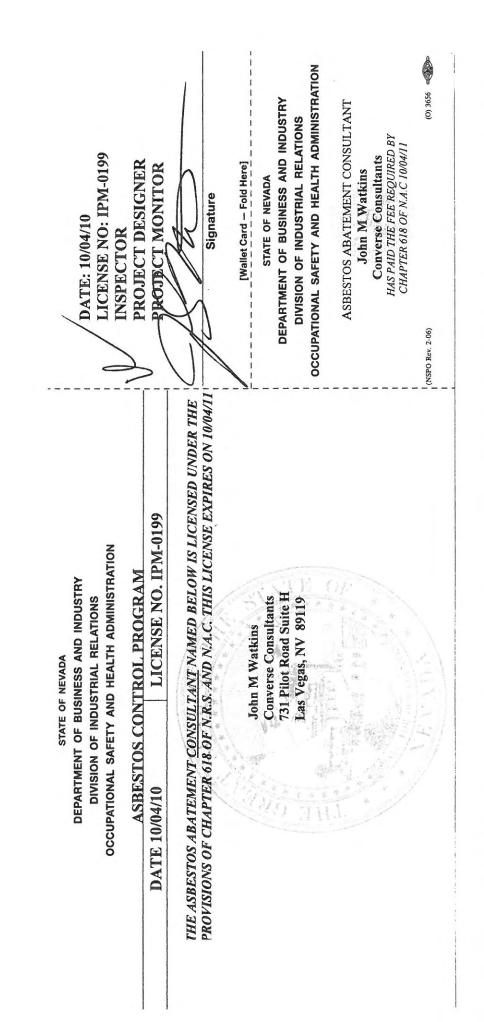
Sincerely,

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





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: Report Numbe Date Received: Date Analyzed Date Printed: First Reported	01/24/ 01/24/ 01/24/	11 11 11
Job ID/Site: 10-43153-01; Tronox - Be	ta Ditch; Trono	ox Facility - Hen	derson, NV		FALI Job ID:	1647	
Date(s) Collected: 01/24/2011					Total Samples Total Samples		
Sample ID	Lab Number	Asbestos r Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
TBD-01	01027136						
Layer: Grey Soil			ND				
Total Composite Values of Fibrous Con	mponents:	Asbestos (ND)					
TBD-02 Layer: Grey Soil	01027137		ND				
Total Composite Values of Fibrous Con	mponents:	Asbestos (ND)					
TBD-03 Layer: Grey Soil	01027138		ND				
Total Composite Values of Fibrous Con	mponents:	Asbestos (ND)					
TBD-04 Layer: Grey Cementitious Material	01027139		ND				
Total Composite Values of Fibrous Con Cellulose (2 %)	mponents:	Asbestos (ND)					
TBD-05 Layer: Grey Soil	01027140		ND				
Total Composite Values of Fibrous Con	mponents:	Asbestos (ND)					
TBD-06 Layer: Brown Semi-Fibrous Material	01027141	Chrysotile	15 %	Amosite	7 %		
Total Composite Values of Fibrous Con Cellulose (Trace)	mponents:	Asbestos (22%)					
	+		5				

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 Numb Date Printed		
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer



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 10-43153-01 Project No.:

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.

Analyst, Dan R. Dolk

Lab Manager, Dan R. Dolk

Grey Insulation Debris Area RZE04 South of Trench

Brown/Grey Debris Area RZE04 North of Trench

186546

186547

186548 Cream Debris Area RZE07

186549 Grey Debris

Area RZE07 6th Street Covert 186550

Grey Debris

Area RZE12

Area RZC03 South Pipe

Black Debris

Area RZC03 North Pipe

186552

Tan/Black Debris

East End 186551

RESULTS: LAB SAMPLE # LAB DESCRIPTION LOCATION	CLIENT SAMPLE #	PERCENT & TYPE OF ASBESTOS	PERCENT & TYPE OF NON-ASBESTOS	LAYER I-H APPEARANCE F-NF
46 Insulation Debris RZE04 I of Trench	T-PID-02	10-20% Chrysotile	10% Cellulose 30% Binders 20% Diatoms 20% Mineral Cleavages	
47 h/Grey Debris RZE04 of Trench	T-PID-03	None Detected	 <1% Cellulose <1% Glass Fibers 50% Sulfate Binders 50% Mineral Cleavages 	F
18 n Debris RZE07	T-PID-04	None Detected	80% Sulfate Binders 20% Mineral Cleavages	l NF
19 Debris RZE07	T-PID-05	None Detected	45% Sulfate Binders 55% Mineral Cleavages	I NF

5-10% Chrysotile

1% Amosite

None Detected

30-40% Chrysotile

t:\asbestos.lab\lv\converse\71-186546.doc

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

39% Sulfate Binders

20% Mineral Cleavages

60% Organic Binders

40% Organic Binders

15% Mineral Cleavages

20% Mineral Cleavages

30% Diatoms

25% Binders

T-PID-06

T-PW-07

T-PW-08

Page 1 of 2

1

۴

NF

ł

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. (1 – 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.

t:\asbestos.lab\lv\converse\71-186546.doc



731 Pilot Roa	Converse
Road, Suite H, Las Vegas, NV 89119	Consultants

MATERIAL SURVEY DATA

Page of 2_

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

	d By:	Received By:			By:	Received By:	*****	Received By:		101	Received By:
									12	Eller A L	- Alt
	5	Date/ Time:			-	Date/ Time		Date/ Time:	6	-21-21	Date/ Time:
	Relinquished By:	Relinqui			ved By:	Relinquished By		Relinquished By:		BY AND CO	Relinquished By:
Amosite Asbestos Crysotile Asbestos No Asbestos Detected		Feet A- Feet C- Feet ND	LF - Linear Feet SF - Square Feet CF - Cubic Feet	ently) <10% se ASAP)	ce is required curre air needed) sd (Repair or replac	 G - Good (No maintenance is required currently) <10% D - Damaged (Some repair needed) SD - Significantly Damaged (Repair or replace ASAP) 	erial und	GA - Gasket D - Debris DW - Roofing Material DW - Drywall JC - Joint Compound Wt Wall Texture	FT - Floorfile M - Mastic CB - Core Basic/Mastic CT - Ceiling Tile AS - Acoustic Spray WP Wall Plaster	ulation	PFI - Pipe Fitting Insulation PPI - Pipe Part Insulation DI - Duct Insulation TI - Tank Insulation TSI Thermal System Ins EJ - Expansion Joint BI - Boiler Isylation
s %	ASBESTOS %	Ś	UNITS		CONDITION	cor			MATERIAL		
av						Area RZ-E-U4, west end	Area KZ-E-		Debris, grey	ι-Ο-1α	90998
an						Area RZ-E-03A, central area	Area RZ-E-		Debris, white	T-D-17	50,98,
1 07 Chy						Area RZ-E-110, west end	Area RZ-E-		Debris, grey	T-D-16	109gg
3-502 - E						Area RZ-E-110, east end	Area RZ-E-	bris, grey	Pipe insulation debris, grey	T-PID-15	509981
×1-382						Area RZ-E-12, west end	Area RZ-E-	ion materials	White/gray insulation materials	T-D-14	209981
21-38 Chay					þt	Area RZ-E-12, just west of the road	Area RZ-E-	tion material	White flaky insulation material	T-D-13	(03 83)
,an						Area RZ-E-14C, southwest end	Area RZ-E-	naterial	White insulation material	T-D-12	00,395
\$0-90 % Chuy						Area RZ-E-14C, northeast end	Area RZ-E-	rown/tan	Gasket material, brown/tan	T-GM-11	62981
21-393 (Chay						Area RZ-E-16, west end	Area RZ-E-	bris, tan/white	Pipe insulation debris, tan/white	T-PID-10	-2659g,
3-58 Chry						Area RZ-E-12, east end	Area RZ-E-	brís, grey	Pipe insulation debris, grey	Т-РІД-09	65331
%	COMMENTS	YES/NO	COND	QNTY		SAMPLE LOCATION		MATERIAL DESCRIPTION	MATERIAL D	SAMPLE #	LAB #
ASBESTOS		FRIABLE		APPROX							
	64	¥erbal 702-218-1999	V		Requested: (3 Days	2 Days	24 Hours	RUSH +	Id Time: (Circle)	Turn-Around Time:
			I	IJ	Bulk (TEM)			Northgate		E-Mail: jwatkins@converseconsultans.com	E-Mail: jwa
	Anstructions:	Bulk (PLM)		bestos Analysis Type	Asbestos /		TRONOX	Project Location: TR		ontact: John Watkins	Converse Contact:
3/10	Date Sampled: 12/13/10	/ Da	43153-01	Project Number: 10-43153-01	Project Nu		XOX	Project Name: TRONOX		Converse Inspectors: John Watkins	Converse I
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F:\MSTR\WFORMS\SURVEY DATA (Asbestos Bulk)

Date/ Time:

A.

Sec. 0

Date/ Time:

Date/ Time: Received By:

Date/ Time: Received By:

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

MATERIAL SURVEY DATA

Page Of 2

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

	Time:	Date/ Time:			Date/ Time:		Date/ Time:	10c 10	141	Date/ Time
	Received By:	Recei			Received By:		Received By:	<u> </u>	3y: CLLL	Received By:
	Time:	Date/ Time:			Date/ Time:		Date/ Time:	19/	· 51-21- /	Date/ Time;
	Relinquished By:	Relinc			Relinquished By:		Relinquished By:	<u> </u>	ned By	Relinquished By
Amosite Asbestos Crysotiie Asbestos No Asbestos Detected	NO Y		LF - Linear Feet SF - Square Feet CF - Cubic Feet	d currently) <10% replace ASAP)	G - Good (No maintenance is required currently) <10% D - Damagad (Some repair needed) SD - Significantly Damaged (Repair or replace ASAP)	aterial ound re	GA – Gasket D - Debris DW - Boofing Material DW - Drywall oray JC - Joint Compound r Wt Wall Texture	FT - Floortile M - Mastic CB - Core Basic/Mastic CT - Celling Tile AS - Acoustic Spray WP - Wall Plaster	Pipe Fitting Insulation Pipe Part Insulation Duct Insulation Tank Insulation Thermal System Insulation Expansion Joint Boiler Isulation	PFI - Pipe PPI - Pipe DI - Duc TI - Tani TSI Ther EJ - Exp BI - Boil
ASBESTOS %	~	ITS	UNITS		CONDITION		F	MATERIAL		
<1% Chay					Area RZ-C-03, south pipe	Area RZ-C-	sulation	Pipe mastic insulation	T-PM-26	419981
ND					Area RZ-C-03, south pipe	Area RZ-C-	sulation	Pipe mastic insulation	T-PM-25	51998
đN					Area RZ-C-03, south pipe	Area RZ-C-	sulation	Pipe mastic insulation	TPM-24	219981
ND					Area RZ-E-09, central area	Area RZ-E-		Debris, grey	T-D-23	11998,
av					Area RZ-E-06, east end	Area RZ-E-I		Debris, grey	T-D-22	186640
803</td <td></td> <td>_</td> <td></td> <td></td> <td>Area RZ-E-06, central area</td> <td>Area RZ-E-</td> <td></td> <td>Debris, grey</td> <td>T-D-21</td> <td>60998)</td>		_			Area RZ-E-06, central area	Area RZ-E-		Debris, grey	T-D-21	60998)
<13 CA					Area RZ-E-06, west end	Area RZ-E-	1 Debris, grey	Pipe insulation Debris, grey	T-PID-20	5098
<12 Chay					Area RZ-E-04, east central area	Area RZ-E-		Debris, grey	T-D-19	ξ 9 ₉₃ ,
COMMENTS %	COMN	YES/NO	COND	QNTY	SAMPLE LOCATION		MATERIAL DESCRIPTION	MATERI	SAMPLE #	LAB #
ASBESTOS		FRIABLE		APPROX				(
	666	Verbal 702-218-1999		E-MAIL	3 Days Requested:	2 Days	24 Hours		Turn-Around Time: (Circle)	Turn-Ar
				-	Bulk (TEM)		Northgate	consultans.com	E-Mail: jwatkins@converseconsultans.com	E-Mail: j
S.	Instructions:	Bulk (PLM)	\wedge	Asbestos Analysis Type:	Asbestos	TRONOX	Project Location: T	John Watkins	Converse Contact: John V	Convers
led: 12/13/10	Date Sampled:		10-43153-01		Project Number:	TRONOX	Project Name: TRC	John Watkins	Converse Inspectors: Johr	Convers



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

POLARIZED LIGHT MICROSCOPY ANALYSIS REPORT

Client:

Account:

Contact:

CONVERSE CONSULTANTS 731 PILOT ROAD, SUITE H LAS VEGAS, NEVADA 89119 NIA 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.

Analyst, Dan R. Dolk

Lab Manager, Dan R. Dolk

		Alia	ysi, Dan R. Doik	
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	F
186597B Tan Debris Area RZ-E-12 East End	T-PID-09-B	None Detected	<1% Cellulose 50% Binders 50% Mineral Cleavages	F
186598 Grey Debris Area RZ-E-16 West End	T-PID-10	>1-3% Chrysotile	2% Cellulose 50% Sulfate Binders 45% Mineral Cleavages	F
186599A Tan Coating Area RZ-E-14C Northeast End	T-GM-11-A	None Detected	<1% Celluiose 30% Binders 70% Mineral Cleavages	F
186599B White Fiberboard Area RZ-E-14C Northeast End	T-GM-11-B	85-95% Chrysotile	5% Mineral Cleavages	l F
186599C Brown Coating Area RZ-E-14C Northeast End	T-GM-11-C	70-80% Chrysotile	10% Organic Binders 10% Mineral Cleavages	l F
186600 White Poured Insulation Area RZ-E-14C Southwest End	T-D-12	None Detected	95% Carbonate Binders 5% Mineral Cleavages	l 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	l F

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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

Page 1 of 3

RESULTS: LAB SAMPLE # LAB DESCRIPTION LOCATION	CLIENT SAMPLE #	PERCENT & TYPE OF ASBESTOS	PERCENT & TYPE OF NON-ASBESTOS	LAYER I-H APPEARANCI 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	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	l F
186605 White/Brown Debris Area RZ-E-03A Central Area	T-D-17	None Detected	<1% Celluiose 55% Binders 45% Mineral Cleavages	F
186606A Grey Debris Area RZ-E-04 West End	T-D-18-A	None Detected	50% Binders 50% Mineral Cleavages	l NF
186606B White Debris Area RZ-E-04 West End	T-D-18-B	None Detected	<1% Cellulose 80% Binders 20% Mineral Cleavages	⊨
186607 Grey Brown Debris Area RZ-E-04 East Central Area	T-D-19	<1% Chrysotile	<1% Cellulose 40% Binders 60% Mineral Cleavages	l 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	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	l 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	F 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	l F
186612 Black Pipe Mastic Area RZ-C-03 South Pipe	T-PM-24	None Detected	<1% Cellulose 75% Organic Binders 25% Mineral Cleavages	l F

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Page 2 of 3



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	ł
186614 Black Pipe Mastic Area RZ-C-03 South Pipe	T-PM-26	<1% Chrysotile	 <1% Cellulose 85% Organic Binders 15% Mineral Cleavages 	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. (1- 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.

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731 Pilot Road, Suite H, Las Vegas, NV 89119 **Converse Consultants**

MATERIAL SURVEY DATA

Page of 2

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

	Date/ Time:	Date			Date/ Time:		Date/ Time:	6.10	161	Date/ Time:
	Received By:	Rec			Received By:	1999 B. C.	Received By:	- de la companya de l	in Clark	Received By:
	Date/ Time:	Date			Date/ Time:		Date/ Time:	110	<u> 21-27-</u> /	Date/ Time:
Y:	Relinquished By:	Reli			Relinquished By:		Relinquished By:	ALV V	d by-	Relinquished By
Amosite Asbestos Crysotile Asbestos No Asbestos Detected	NC A	ear Feet Iare Feet Dic Feet	LF - Linear Feet SF - Square Feet CF - Cubic Feet	∙entiy) <10% ce ASAP)	G - Good (No maintenance is required currently) <10% D - Damaged (Some repair needed) SD - Significantly Damaged (Repair or replace ASAP)	terial eund e	GA Gasket D - Debris Aastic RM - Roofing Material DW - Drywall JC - Joint Compound ray Wt Wall Texture	FT. Floortile M - Mastic CB - Core Basic/Mastic CT - Ceiling Tile AS - Acoustic Spray WP Wall Plaster	Pipe Fitting Insulation Pipe Part Insulation Duct Insulation Tank Insulation Thermal System Insulation- Expansion Joint Boiler Isylation	PFI- Pipe I PPI- Pipe I DI- Duct TI- Tank TSI Them EJ- Expan
ASBESTOS %		UNITS	ç		CONDITION			MATERIAL		
d N					Area RZ-E-04, west end	Area RZ-E-C		Debris, grey	T-D-18	9099g
đv	1.00				Area RZ-E-03A, central area	Area RZ-E-0		Debris, white	T-D-17	50093,
1 % Chay					Area RZ-E-110, west end	Area RZ-E-1		Debris, grey	T-D-16	6093g
3-50% chay					Area RZ-E-110, east end	Area RZ-E-1	debris, grey	Pipe insulation debris, grey	T-PID-15	209981
×1-362 -1~					Area RZ-E-12, west end	Area RZ-E-1	White/gray insulation materials	White/gray insi	T-D-14	209931
21-33 Chay					Area RZ-E-12, just west of the road	Area RZ-E-1	ulation material	White flaky insulation material	T-D-13	03981
)av					Area RZ-E-14C, southwest end	Area RZ-E-1	n material	White insulation materia	T-D-12	00,85,
\$0-90 %					Area RZ-E-14C, northeast end	Area RZ-E-1	l, brown/tan	Gasket material, brown/tan	T-GM-11	86599
2-292 (Chay					Area RZ-E-16, west end	Area RZ-E-1	Pipe insulation debris, tan/white	Pipe insulation	T-PID-10	^{\$659} 5,
2-500 Chap					RZ-E-12, east end	Area RZ-E-1	debris, grey	Pipe insulation debris, grey	T-PID-09	245381
COMMENTS %		YES/NO	COND	QNTY	SAMPLE LOCATION		MATERIAL DESCRIPTION	MATERIA	SAMPLE #	LAB #
ASBESTOS	im 	FRIABLE		APPROX						
	-1999	Verbal 702-218-1999	V	E-MAIL	3 Days Requested: (2 Days	추 24 Hours	RUSH	Turn-Around Time: (Circle)	Turn-Aro
			ł	ŋ	Bulk (TEM)		Northgate	consultans.com	E-Mail: jwatkins@converseconsultans.com	E-Mail: jy
ons:	Anstructions:	Bulk (PLM)		bestos Analysis Type:	Asbestos /	RONOX	Project Location: TRONOX	John Watkins	Converse Contact: John \	Converse
mpled: 12/13/10	Date Sampled:	Ц Д	43153-0	Project Number: 10-43153-01	Project Nu	XON	Project Name: TRONOX	John Watkins	Converse Inspectors: Joh	Converse

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

MATERIAL SURVEY DATA

Page D of Z

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

Date/ Time:	Received By:	Date/ Time;	Relinquished By	PFI - Pipe PPI - Pipe DI - Duct TI - Tank TSI Then EJ - Expa BI - Boile			419981	51998	219981	11993,	00993,	6099g	\$ 098	× 9,8,	LAB #		Turn-Aro	E-Mail: j	Convers	Convers
le la	y: Ull	-21-2-	ed By	Pipe Fitting Insulation Pipe Part Insulation Duct Insulation Tank Insulation Thermal System Insulation Expansion Joint Expansion Joint			T-PM-26	T-PM-25	T-PM-24	T-D-23	T-D-22	T-D-21	T-PID-20	T-D-19	SAMPLE #		Turn-Around Time: (Circle)	E-Mail: jwatkins@converseconsultans.com	Converse Contact: John Watkins	Converse Inspectors: John
4/0010	12			FT - Floortile M - Mastic CB - Core Basic/Mastic CT - Ceiling Tite AS - Acoustic Spray WP - Wall Plaster	MATERIAL		Pipe mastic insulation	Pipe mastic insulation	Pipe mastic insulation	Debris, grey	Debris, grey	Debris, grey	Pipe insulation Debris, grey	Debris, grey	MATERIAL	(RUSP	onsultans.com	/atkins	John Watkins
Date/ Time:	Received By:	Date/ Time:	Relinquished By:	GA – Gasket D - Debris DRM - Roofing Material DW - Drywatt JC - Joint Compound Wt Wall Texture			lation	lation	lation)ebris, grey		MATERIAL DESCRIPTION		≫ 24 Hours	Northgate	Project Location: TR	Project Name: TRONOX
							 Area RZ-C-03, south pipe	Area RZ-C-03, south pipe	Area RZ-C-03, south pipe	Area RZ-E-09	Area RZ-E-06, east end	Area RZ-E-00	Area RZ-E-06, west end	Area RZ-E-0			2 Days		TRONOX	XON
Date/ Time:	Received By:	Date/ Time:	Relinquished By:	G - Good (No maintenance is required D - Damaged (Some repair needed) SD - Significantly Damaged (Repair or r	CONDITION		3, south pipe	3, south pipe	3, south pipe	Area RZ-E-09, central area	5, east end	Area RZ-E-06, central area	5, west end	Area RZ-E-04, east central area	SAMPLE LOCATION		3 Days R			
			3y:		TION	, ,											Requested: (Bulk (TEM)	Asbestos Analysis Type:	Project Number:
				0%											QNTY	APPROX	E-MAIL	and the second	nalysis Typ	
				LF - Linear Feet SF - Square Feet CF - Cubic Feet	UNITS		 								COND		Verbal		\wedge	10-43153-01
Date/ Time:	Received By:	Date/ Time:	Relinq	Feet C- Peet ND	°.										YES/NO	FRIABLE	702-218-1999		Bulk (PLM)	
ime:	ed By:	ime:	Relinquished By:		ASBESTOS %										COMMENTS		66(Instructions:	Date Sampled: 12/1
				Amosite Asbestos Crysotile Asbestos No Asbestos Detected	S %		<1% Chy	d N	đ	av	an	< 1 3 Chy	<13.04	<12. Chy	%	ASBESTOS				12/13/10

MATERIAL SURVEY DATA

Page _____ of _____

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

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

Converse	Inspectors: Johr	n Watkins	Project Name: TR	ONOX		Project	t Number: 10-	43153-0	1	Date Sampled: 12/()9/10
Converse	Contact: John V	Vatkins	Project Location:	FRONOX	<u> </u>	Asbest	os Analysis Ty	pe: Bul		Instructions:	
E-Mail: <u>iw</u>	atkins@conversed	consultans.com	Pre-Demolition	Survey		Bulk (1	EM)				
Turn-Arou	und Time: (Circle)	RUSH	24 Hours	2 Days	3 Days	Requeste	d: E-MAÎL	Yerba	1 702-218	-1999	
					<u></u>		APPROX		FRIABL	E	ASBESTOS
LAB #	SAMPLE #	MATERIA	DESCRIPTION		SAMPLE LOCATION	1	QNTY	COND	YES/NO	COMMENTS	%
186546	T-PID-02	Pipe insulation	debris, grey	Area RZE	04 south of trench			ľ		10-	20% Chuy
186.542	T-PID-03	Pipe insulation	debris, grey	Area RZE	04 north of trench			-			au
1865Y8	T-PID-04	Pipe insulation	debris, white	Area RZE	07					••••••••••••••••••••••••••••••••••••••	ND
186549		Pipe insulation	debris, grey/tan	Area RZE	07, 6 th Street covert						NP
186550		Pipe insulation grey/tan/white	debris,	Area RZE	12, east end	<u></u>				5-10	Do Chrysotik Amosite
18655,	T-PW-07	Pipe wrap insula	ation	Area RZC	03, south pipe	3100NB					ND
186552	T-PW-08	Pipe wrap insul	ation	Area RZC	03, north pipe						30 - 40 % Chry,
						·····					

	MATERIAL	CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitting Insulation FT - PPI - Pipe Part Insulation M - DI - Duct Insulation CB - TI - Tank Insulation CT - TSI Thermal System Insulation AS - EJ - Expansion Joint WP - BI - Boiler Isulation	Mastic D - Debris Core Basic/Mastic RM - Roofing Material Ceiling Tile DW - Drywall Acoustic Spray JC - Joint Compound	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- Crysotile Asbestos ND No Asbestos Detected
Relinquished By:	Relinquished By:	Relinquished By:	Re	linquished By:
Date/Time: 2-9-10	Date/ Time:	Date/ Time:	Da	te/ Time;
Received By:	Received By:	Received By:	Re	ceived By:
Date/Time: 10 Dec. 10	2 Date/ Time:	Date/ Time:		te/ Time:



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.

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



DATE: 10/04/10 LICENSE NO: IPM-0199 INSPECTOR	PROJECT DESIGNER	Signature	[Wallet Card – Fold Here]	STATE OF NEVADA 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) (0) 3656	
STATE OF NEVADA DEPARTMENT OF BUSINESS AND INDUSTRY DIVISION OF INDUSTRIAL RELATIONS OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	ASBESTOS CONTROL PROGRAM 04/10 LICENSE NO. IPM-0199	THE ASBESTOS ABATEMENT <u>CONSULTANT</u> 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			MATEN N. C.	
ST DEPARTMENT O DIVISION OF OCCUPATIONAL SAFE	ASBESTOS (DATE 10/04/10	THE ASBESTOS ABATEMENT COL PROVISIONS OF CHAPTER 618 OI				80 .)) (2 * 1) 2		



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.



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.

Northgate Environmental Management, Inc. Project No. 10-43153-01 February 8, 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

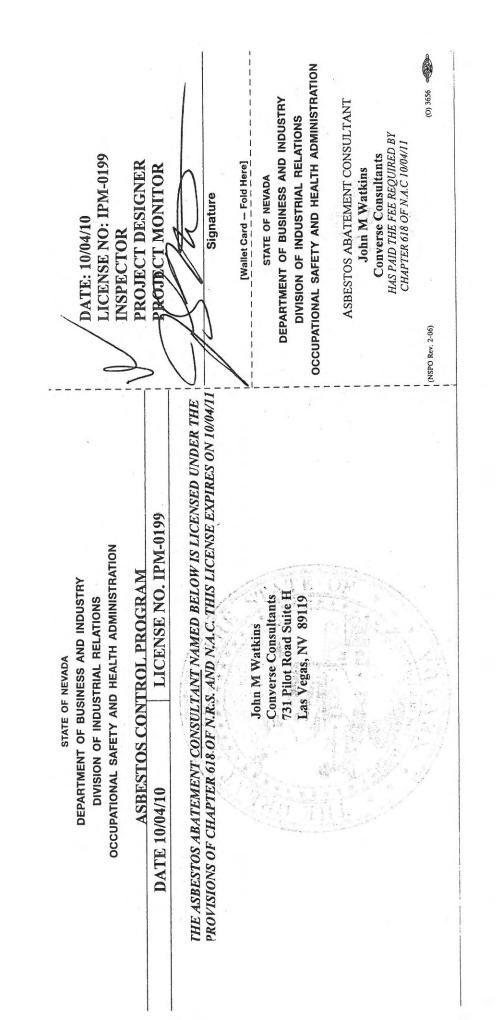
John M. Watkins Senior Project Manager Nevada Asbestos Abatement Consultant License No. IPM-0199

JMW:1s

Encl: Asbestos Abatement Consultant License Map of Work Area

Dist: 2/Addressee







э.



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.

Northgate Environmental Management, Inc. Project No. 10-43153-01 February 8, 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

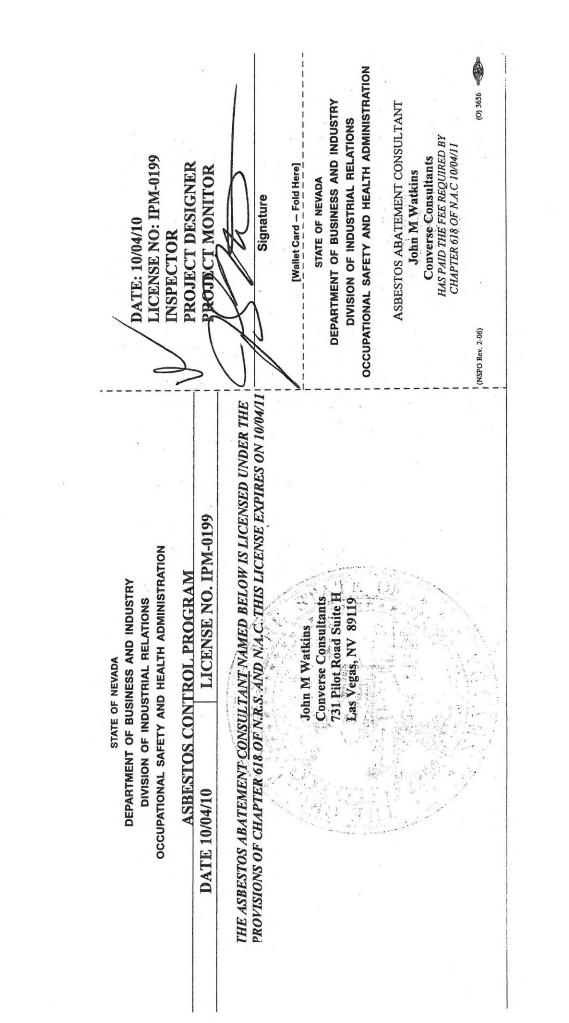
John M. Watkins Senior Project Manager Nevada Asbestos Abatement Consultant License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License

Dist: 2/Addressee







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

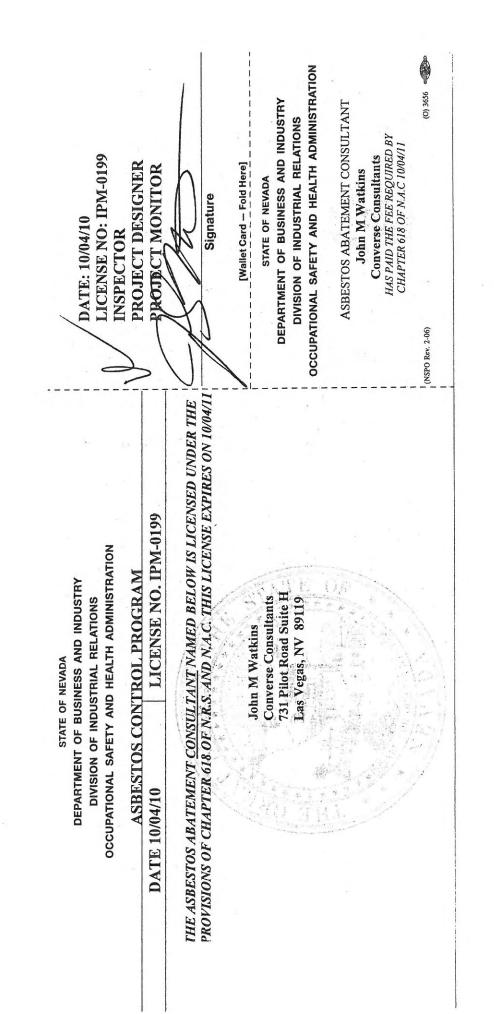
John M. Watkins Senior Project Manager Nevada Asbestos Abatement Consultant License No. IPM-0199

JMW:ls

Encl: Asbestos Abatement Consultant License

Dist: 2/Addressee







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

POLARIZED LIGHT MICROSCOPY ANALYSIS REPORT

Client:

Account:

Contact:

Project No.:

CONVERSE CONSULTANTS 731 PILOT ROAD, SUITE H LAS VEGAS, NEVADA 89119 N/A JOHN WATKINS 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	l 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. (1 – 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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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

Converse Consultants	MATERIAL SURVEY DATA
731 Pilot Road, Suite H, Las Vegas, NV 89119	

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731 Pil Convers Convers Convers Turn-Ar	731 Pilot Road, Suite H, Las Vegas, Converse Inspectors: John Watkins Converse Contact: John Watkins Converse Phone No. (702) 263-7600 Turn-Around Time: (Circle) RU: LAB # SAMPLE # MAT	731 Pilot Road, Suite H, Las Vegas, NV 89119 Converse Inspectors: John Watkins Project Converse Contact: John Watkins Project Converse Phone No. (702) 263-7600 Client/C Turn-Around Time: (Circle) RUSH 24 Hour LAB # SAMPLE # MATERIAL DESCRIPTION	Project Name: BETA Ditch Project Location: Tronox Client/Contact: 24 Hours 2 Days CRIPTION S		h Proje Analy Requested: SAMPLE LOCATION	Project Number: Analysis Type: / Analysis Circle) (Please Circle) d: Verbal	10-4315 Asbestos Bulk (TEN Bulk (TEN APPROX	3-01 Bulk (PLM)) COND	kins@conve FRIABLE YES/NO	(702) 263-7600 FAX (702) 269-8353 :3-01 Date Sampled: 8/31/10 Bulk (PLM) Instructions: bulk (PLM) Instructions: Frize Instructions: Frize Converseconsultants.com FRIABLE COMMENTS (DEBRIS, SS VES/NO EXTENT OF DAMAGE)
₩ ₩	SAMPLE #	MATERIAL DES	CRIPTION	SAMPL	ELOCATION			COND	FRIABLE YES/NO	COM
169 hgi	B-X-01	Debris - Insulation		Beta Ditch south of pond AB5	of pond AB5					
-										
		MATERIAL			CONDITION			UNITS		3
PFI- Pipe Fitting Insulation PPI- Pipe Part In DI- Duct Insula DI- Duct Insula EJ- Expansion BI- Bolier Isulat	PFI- Pipe Fitting FT- Insulation M- PPI- Pipe Part Insulation CT- DI- Duct Insulation CT- TI- Tank Insulation AS- EJ- Expansion Joint MP- BI- Boiler Isulation MP-	Floortile Mastic Core Basic/Mastic Ceiling Tile Acoustic Spray Wall Plaster Wall Plaster Wall Texture	GA – Gasket D - Debris TSI - Thermal System Insulation Insulationg Material DW - Drywall DW - Drywall JC - Joint Compound	G - Good (No maint D - Damaged (Some SD - Significantly Da	Good (No maintenance is required currently) <10% Damaged (Some repair needed) Significantly Damaged (Repair or replace ASAP)	rrently) <109 ace ASAP)		LF - Linear Feet SF - Square Feet CF - Cubic Feet	A C ND Assumed ACM) () T
Relinquished By:	ed By:		Relinquished By:		Relinqu	Relinquished By:				Relinquished By:
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