

U.S. Environmental Protection Agency
Removal Action Information
Skyline Abandoned Uranium Mine (AUM)
September 2011

**Kin Náhálgaideé' Ni'asdzáan Yik'ihdeézí' Bìl Hazáa
Ni'káagóó Hasht'ééhnééhgi Baahane'
Skyline leetsoh Haagééd Nt'é'éggi
Bine'aant'áatsoh Naakidimíł dóó bí'aan Ła'ts'áadah Yihah**

The U.S. Environmental Protection Agency (EPA) Region 9 is working to protect residents of Oljato Chapter by cleaning up hazardous waste from the Skyline Abandoned Uranium Mine (AUM).

**Kin Náhálgaideé' Ni'asdzáan Yik'ihdeézí' Bìl Hazáa (U.S. EPA) Náhást'ée
Hahoodzohdeé' éí Ooljee'tó Táá Siniljí kéedahat'ínígi Skyline nahdeé' leetsoh
leezh bíl haagee'hééh leh ní deigeehgo hasht'énálnééh Diné baa háhahasinigi baa.**

The waste is left over from the uranium mining that occurred throughout the Navajo Nation from the 1940s to the 1980s.

**Díí leezhígíí' éí leetsoh bíl haageedééh t'ah ba'át'e' hóló t'ah nahdeé' náhást'ée
ts'áadah dóó dízdíin dóó náhást'ée ts'áadah dóó tseebídiin yihahédaa Diné bikéyah
bikáá'góó hadasgeedígíí' át'é.**

At the Skyline site, uranium mine waste is still located on the edge and at the foot of the mesa.

**Skyline di ha'agééd nt'é'éggi di' éí t'ahdii leetsoh leezh bíl hadahasgeed yééh
t'áá'ákóh tsé ní'áhígíí bikáá'di dóó tsé nít's'i'hígíí bitsíídi naazhja'.**

The mine waste is a potential health threat to people who come in contact with it or breathe it.

**Díí leezh leetsoh bíl hadasgeedééh éí t'ahdii bá'át'e' hóló diné bits'is baa siljigo dóó
yíl íidzígíí'go.**

The EPA Region 9 Superfund Emergency Response Section is conducting a time-critical removal action to mitigate the health threat posed by uncontrolled uranium mine waste at the site.

**Kin Náhálgaideé' Ni'asdzáan Yik'ihdeézí' Bìl Hazáa Náhást'ée Hahoodzohdóó
Superfund Emergency Response Deilyíníshdóó t'áá tsłgo t'áadoo bíl hoolzhishí díí
leezh leetsoh bíl haageedééh leeh nídoogél ákó doo t'ó nahgóó ba'át'é nilígíí
naaná'oogohgo' aahdahda'oolah dah.**

Location – Bil Hazáadi

The Skyline AUM is located on top of Oljato Mesa, approximately 1.5 miles northwest of Goulding's Lodge in Monument Valley, San Juan County, Utah (longitude: 37 ° 01' 13.99" N, Longitude 110 ° 13' 50.97" W).

Skyline AUM éí Ooljee'tó wolyéego Tsé nít's'í'ígíí bikáadi ts'ídá t'áala'i dóo ná'álníí tsin sitá náhookosji'go' éí Goulding Lodge bil hazánídóo Tsé Bii' Nidzizgai, San Juan bil Hahoodzohígíí bii', Yódah-Utahjí hahoodzohígíí. Ts'ídá kwe'é (Longitude: 37 ° 01' 13.99" N, Longitude 110 ° 13' 50.97" W).

Actions to Date – La'daadzahígíí

-With input from the Oljato Chapter, EPA has determined that the most suitable place to safely keep the uranium mine waste is near the former Skyline Mine on top of Oljato Mesa.

-Ooljéetó Táá'Sinildóo dóo EPA' alhíí naalnishgo ts'ídá' bohóneedzánígi leezh leetsoh bil haageed yéé Skyline ha'agéed nt'é'ééghi bánáhodiit'á Ooljéetó tséní'ahígíí bikáá'di báya'áhoot'ééh doo hwiinidzingo.

-An Interim repository with plastic liner was constructed to create a barrier around the mine waste to protect humans and the environment. Repository construction was completed on May 31, 2011.

-Áltse shíí' éí leezh leetsoh bil haageed yééh t'ó biní dooltih diné dóo naaldlooshii bits'ááh. T'áátsoh tádiin bi'aan láa'iii Naakidimííí dóo bi'aan La'ts'áadah bii'di' éíí altso hahwiidoogo. Ndtsaago hahwiigéed doo ákóyaa leezh leetsoh bil hahasgeed nééh anáhidoogéél biniyé bi'doonish.

-Residents of home sites near work areas in the valley below the mesa have been provided with temporary lodging.

-Da'íníísh bíhánígi dabighanígíí' éí t'ó hónízahíjí' bighan bits'áhwiizáadi nidabiilkááhgo' dó' ályaa altso nida'aznishjí'.

-Excavation of mine waste from the slope below the mine opening, the foot of the mesa, and the arroyo drainage away from the mesa was completed by July 24, 2011.

-Níléí tsé yíchíí' bidahdi dóo chashk'ehgóó' éí' k'ad leezhígíí altso t'áaláhíjí' nahasdziid díí Ya'iishjáashchilí naadiin díí'góó yolkaléédáá' Naakidimííí dóo bi'aan La'ts'áadah yihah bii'.

-Water is being used to control dust from excavation and transport of mine waste.

-Tó chiidoo'íí leezh beenááltłohgo leezh leetsoh bil haageedyéh doo nahgóó bil danítsaazda.

-Air sampling is being conducted around work areas to ensure any radioactive dust in the air and ensure dust control is effective.

-Leezhígíí nida'anish binaagóó' éí nítch'íhígíí ninálkáh hazhó'ó baa'áháyá dóo doo níláhgóó bil danítsaazda doohígíí biniyé.

-Seeding of areas impacted by removal activities with native plants species has begun.
-Kéyah bileezh nasgeedééhgóó' éí t'áá'ákqoh t'l'oh hóló nígíí k'ééh didoolyé biniyé bi'deezhnish.

Current Activities/Next Steps—Bináada'doonishígíí

-Transport of mine waste from the valley floor up to the top of the mesa continues using the skyline yarder system. This activity is estimated to be completed by mid-September 2011.

-T'ahdii béesh sits'áá' leezh leetsoh bil haageed yééh bee hahalch'áá tsétsíí dóó wódahj' tséní'áhígíí bikáá'j'. Dííshj' éí Bine'ant'áántsoh alní'góó yolkágo Naakidimíí dóó bi'aan La'ts'áadah yihah naanish altso dooleel.

-Once all the mine waste has been placed in the repository, another plastic liner will be installed over the top.

-Leezh leetsoh bil haageedyééh altosh báhahwiisgeedj' biih náhaská' éí bikáá'dóó tó doo bidéelnínígíí bikáá'gi bil yaanináádoolka.

Then a soil cap will be placed over the top liner to protect it from the sun and wind.

-Altso bikáá'dóó bil yaaniná' it'á' náá bikáá'gi leezh la' bik'ih nínáá doodzil ákó shándíín dóó nýol doo ni yil ch'ol da.

-Ares impacted by removal activities will be seeded with native plant species to help restore the land.

-Kéyah bileezh nasgeedééhgóó' éí t'áá'ákqoh t'l'oh hóló nígíí k'ééh didoolyé.

-It is estimated that the project will be completed late September 2011.

-Díí naanish éí Bine'ant'áántsoh nídízííd di Naakidimíí dóó bi'aan La'ts'áadah yihaih bii'j' altsoh ádooníí.

More Information—Bee'ééhózinii

EPA will attend the Oljato Chapter Meeting on September 11th to answer questions and provide progress updates. For specific questions about Skyline AUM cleanup please contact:

EPA shj' Bine'ant'áántsoh la'ts'áadagóó yolkáál táá'sinilí' alah aleehgo' áádi nihíí dahodoolnih doo na'idíkid nát'á' yeeh nihíí nidahalne'doo. Skyline Bí'oonishgi na'idólkidgo' éí díí bee' ééhózin:

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