



Appendix 15

UraniumSA Details of Stakeholder Consultation

Retention Lease Proposal

On

Mineral Claim 4280

for a

Uranium In-situ Recovery Field Trial

Owner/Operator: Gingertom Resources Pty Ltd
(a wholly owned subsidiary of UraniumSA Limited)

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Details of Stakeholder Consultation and Public Meetings

23 June 2011

Acronyms

Acronyms used in this document are defined in Table 1 below.

Table 1: Definitions of Acronyms

Acronyms	Definition
CC	Conservation Council
FotE	Friends of the Earth
ECG	Whyalla Environmental Consultation Group
EPNRM	Eyre Peninsula Natural Resources Management Board
CPB	Coastal Protection Board
PIRSA	Primary Industries and Resources, South Australia
PUB	Member of the public

Details of Stakeholder Consultation and Public Meetings

Table 2 provides the details of all questions and responses captured during stakeholder consultation sessions and public meetings.

Table 2: Details of Stakeholder Consultation and Public Meetings

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
2	Consultation	Will there be more seminars? We need regular information as things progress and get bigger. How do we know that UraniumSA is not lying to us like other organisations?	Yes, there will be regular and ongoing information sessions. Further to this, we will be open and honest in our communication. We can't always anticipate things either so we need the public to contact us and ask questions or discuss concerns. We cannot guarantee what the outcome will be however we can do extensive modelling and look to the examples and mistakes of others.	PUB	05-May-11
1	Consultation	How many issues have been raised from previous meetings?	Several issues have been raised that have been found to be common in talking to 125 different people. We document all questions in group and individual situations.	PUB	05-May-11
1	Consultation / Native Title	Has consultation occurred with the Native Title Claimants?	Yes, the Barngarla have been consulted with. A Work Area Clearance for the retention lease area has been undertaken with the Barngarla, however no sites of significance were identified. Further, Native Title has been extinguished over the retention lease, as advised by the Barngarla solicitor. A mining agreement will be established with the Barngarla over the coming months.	CC / FotE	29-Mar-11
1	Consultation / Native Title	Has Ningel Reid (an Aboriginal Elder) been consulted with?	Yes.	CC / FotE	29-Mar-11
1	Consultation / Native Title	Which official Aboriginal person does UraniumSA deal with?	UraniumSA deals with the Barngarla solicitor at various stages of the project.	CC / FotE	29-Mar-11
3	Flora and Fauna	Are there any rare birds or lizards in the area?	Yes, the slender billed thornbill and the striated grass wren.	PUB	05-May-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Flora and Fauna	What about weed control?	A comprehensive weed survey has been undertaken the types and extent of weeds in the area. This is reported in the Flora and Fauna baseline Survey.	PUB	05-May-11
1	Flora and Fauna	Is there any samphire?	Yes, samphire is found in areas near to the coast.	PUB	05-May-11
1	Flora and Fauna	How much damage is the trial going to do to the environment?	EBS Ecology has advised USA what is there and what mitigation activities should be undertaken to prevent damage or set up offset areas.	PUB	05-May-11
1	Flora and Fauna	Are there any goannas?	There was one juvenile observed in the first survey.	PUB	05-May-11
1	Flora and Fauna	When they put the road in later, will there be an impact study?	Yes, there will be.	PUB	05-May-11
1	Flora and Fauna	What are you doing to protect the environment?	We have been doing surveys and documenting the wildlife to identify the vulnerable species so mitigation strategies can be developed.	PUB	05-May-11
1	Flora and Fauna	If you do trials and then find something leaves the area what do you do?	The area is so small that it would be unlikely that this would happen.	PUB	05-May-11
1	Flora and Fauna	If birds are in the area of drilling what happens then?	We are doing studies to establish this and we will offset this area if needed.	PUB	05-May-11
1	Flora and Fauna	What sorts of animals are out there?	[The birds and animals in the area were listed] There are 2 threatened bird species (slender billed thornbill and the striated grass wren) and no threatened mammals or reptiles.	PUB	05-May-11
1	Flora and Fauna	Are there many tidal creeks that run into the mangroves?	A few, not many.	PUB	05-May-11
1	Flora and Fauna	General inquiry about the environmental work that has been undertaken	[An outline of the survey work and findings was given]	PUB	05-May-11
1	Flora and Fauna	What are the hot environmental issues for this project?	The slender billed thornbill and developing offset areas for it.	PUB	05-May-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Flora and Fauna	What about the dust on vegetation or the water, is it contaminated? (for the animals)	There are normal background levels of radiation detected in the area. [The questioner was referred to the radiation expert]	PUB	05-May-11
1	Flora and Fauna	What is the range of bird life in the area?	The range is quite broad from the coast inwards.	PUB	05-May-11
1	Flora and Fauna	Are there any birds of prey?	Yes, wedge tail eagles and brown falcons have been seen. They fly over to hunt for food.	PUB	05-May-11
1	Flora and Fauna	Are there any parrots in the area?	There are a few common variety parrots.	PUB	05-May-11
1	Flora and Fauna	Are there any snakes?	There are brown snakes, skinks, and bearded dragons.	PUB	05-May-11
1	Flora and Fauna	What fauna entrapment program will UraniumSA follow?	Nothing is planned for the field trial, but UraniumSA will address fauna entrapment in the retention lease proposal.	CC / FotE	29-Mar-11
1	Geology	How deep is the deposit?	The target aquifer is consistent across the area. It starts about 50-55m to as deep as 80-85m.	PUB	05-May-11
1	Geology	Are there any faults in the area?	The seismic survey of 7km shows no major faults.	PUB	05-May-11
1	Geology	How old are the Kanaka Beds?	35 million years old.	PUB	05-May-11
1	Geology	How consolidated is the aquifer?	Loose sands which is amenable to ISR.	PUB	05-May-11
1	Geology	Any other minerals?	Coal.	PUB	05-May-11
1	Geology	How far does the aquifer continue under the gulf?	The aquifer continues under the gulf through to Port Pirie.	PUB	05-May-11
1	Geology	Are there any other aquifers present in the area?	There is also a quaternary aquifer present in the area.	CC / FotE	29-Mar-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Geology / Exploration	How did you know where to drill?	A magnetic survey was done showing the Hiltaba Granite (underground). Incorporating our own ideas, this was then compared with work done at Olympic Dam in the 70's and 80's. We then drilled the area and looked at the data collected. The data showed all signs of uranium in the area. There are now about 500 holes drilled in the area.	PUB	05-May-11
1	Geology / Exploration	What grade is the uranium?	It is a viable grade for mining but we need to perform the ISR trial to make sure.	PUB	05-May-11
1	Geology / Exploration	Will the boreholes be lined in any way?	[The geology of the area was explained] Drilling will be completed at the hard basement rock layer (granite/clay layer) and the hole will be backfilled with acid-resistant cement. The drill holes will only be open for 2 to 3 days. UraniumSA must adhere to specific procedures and approvals for drilling (Environmental Works Approval) from PIRSA. All wells will be integrity tested and constructed in accordance with legislative requirements.	CC / FotE	29-Mar-11
1	Geology / Exploration	How many bore holes have been drilled in the area?	About 500 holes have been made including groundwater bores.	CC / FotE	29-Mar-11
1	Geology / Exploration	Will dust would be producing from drilling?	No dust will be generated during drilling as we will be using rotary mud drilling which uses a continuous circulation of fluids, avoiding dust generation. Once dry, clean soil is placed over the drill area, including sumps, in accordance with normal exploration practice.	CC / FotE	29-Mar-11
1	Geology / Exploration	How is the resource identified on-site?	Geophysical probes are placed down drill holes to measure levels of radiation to provide indications of the location and quality of the resource.	CC / FotE	29-Mar-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Groundwater	How will the groundwater be affected? Is PIRSA involved with the problems at Olympic Dam with the water table dropping?	PIRSA: Yes, PIRSA is involved with Olympic Dam. Groundwater monitoring reports are required to be submitted by UraniumSA to PIRSA to ensure proper monitoring of groundwater is occurring.	PUB	05-May-11
1	Groundwater	Will the water (from mining) be ok if it goes back into the ground?	The aquifer is a slow moving system containing high levels of calcite. This means that the water from mining will be consumed quickly in this system.	PUB	05-May-11
1	Groundwater	Water is precious, you can't waste it.	The groundwater is highly saline and already radioactive.	PUB	05-May-11
1	Groundwater	Will the groundwater need to be treated prior to use by the project?	Any water used in the project would need to be treated prior to use as the pH of the water would need to be lowered to 1.5. It would be preferable to flush the target aquifer with seawater.	ECG	30-Mar-11
1	Groundwater / Hydrogeology	Is the site a closed looped system?	It is not a closed loop system, but that the site is not connected to the gulf.	ECG	30-Mar-11
1	Groundwater / Hydrogeology	Will freshwater would be pumped into the target aquifer?	Either in-situ groundwater, seawater or effluent water from SA Water would be used for the project.	ECG	30-Mar-11
1	Groundwater / Reports	Will there be any reports which support UraniumSA's predictions on groundwater?	The supporting reports will be attached as appendices to the retention lease application.	CC / FotE	29-Mar-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
16	Groundwater / Spencer Gulf	I am concerned about putting acid into the ground, how do we know it won't leak? Will the gulf be contaminated?	[Explanation of ISR was given] In-situ recovery (ISR) is a low impact process. The recovery of uranium will occur 50 to 70m below the surface which is capped by clay seal. A seismic survey has shown that it is a confined and continuous aquifer across the gulf to Port Pirie. Drilling has been done to check this seal between the mineralised sediments and the gulf. Pump testing was performed to check for any leakage to the gulf. The result was that there was no pressure drop meaning that the aquifer is sealed. Also, monitoring wells are set up (some are 1km from the coast) to detect excursions of mining fluid underground. The aquifer is a slow moving system containing high levels of calcite. This means that the mining solution (acid) will be neutralised quickly in this system (within 10m). This has been tested in the lab. During the trial, the groundwater will be monitored in the target aquifer and the formation above that for excursions of mining fluids. UraniumSA will be addressing all issues and concerns to ensure that the operation is done safely, and are focussing on the understanding the whole area and system as part of this. All of this information will be reported to the regulators and will be publicly available. We will be open and transparent in our communication. If there is an issue or excursion of mining fluids, we will ensure the community is informed via compulsory reporting to the regulators.	PUB	05-May-11
1	Groundwater / Spencer Gulf	Assuming UraniumSA's predicted rate of movement of the acid, can any acid be measured at all at the gulf?	There will be no acid measureable at the gulf.	ECG	30-Mar-11
1	Hydrology	Could potential inundation of the area occur from fresh water or seawater?	Any potential inundation would more likely be from run-off.	CPB	24-Mar-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Hydrology	Is the site is influenced by the tide?	The target aquifer is not influenced by the gulf, but the Quarternary aquifer probably is.	ECG	30-Mar-11
4	Impact	This all seems very low key where all is “for” the project and nothing seems dangerous. The project is small right now but when it is full scale there will be bigger problems. The broader issues and our future generations need to be considered. A lot of people have invested in Eight Mile Creek. How will this impact them?	UraniumSA: The process will be done in stages so that at the end of every stage it can be assessed as to whether it is economically beneficial to proceed. There is no guarantee that it is feasible to progress the project and because of this we have to start small with a trial to decide whether we should go further. The trial will be regulated by the state, and of course, if the trial goes to full scale mining. PIRSA: The community engagement process is part of a retention lease application to gain approval for the experimental field trial. If the field trial can go ahead to mining, then UraniumSA will have to go through the whole application process again for a full mining lease. Your input is needed, as this feedback informs PIRSA conditions on the granting of the retention lease.	PUB	05-May-11
1	Impact	What will the impact on the landscape be?	The ISR process is low impact, compared to open cut mines, and requires a small surface footprint for buildings and infrastructure.	PUB	05-May-11
1	Impact	How much foot traffic will there be between well infrastructure?	UraniumSA: The foot traffic will be limited. UraniumSA has a strict track policy and there will be tracks developed and maintained for this purpose. PIRSA: Usually there is not a lot of foot traffic. There is 1 person per well array and wells do not need to be physically checked often.	PUB	05-May-11
1	Impact	Will there be significant movement of soil as a result of the project?	The field trial will not disturb significant volumes of soil.	EPNRM	30-Mar-11
2	Mining	When will mining start? How long will it take to know what will be happening?	PIRSA: It depends on the timing and outcomes of the trials. UraniumSA: It depends on the outcomes of the trials however we are expecting to know in 6 to 12 months.	PUB	05-May-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
3	Mining	When will mining start? How long will it take to know what will be happening?	PIRSA: It depends on the timing and outcomes of the trials. UraniumSA: It depends on the outcomes of the trials however we are expecting to know in 6 to 12 months.	PUB	05-May-11
1	Mining	Will processing occur on site?	Yes, there will not be a large surface footprint and there will monitoring during the trial as a whole to track its impact on the surrounds.	PUB	05-May-11
3	Mining	What is the lifespan for uranium extraction?	It depends on the scale but we are expecting a mine life of 5 to 10 years for the Blackbush resource, and a further 5 years if we mine the Plumbush prospect located south of Blackbush.	PUB	05-May-11
1	Mining	If extraction holes are located approximately 15mm from the injection hole does it take time from the "pumping in" of liquids to travel to the extraction holes?	The pumping process forces the flow of solutions therefore it travels quicker to the extractions than the natural processes would.	PUB	05-May-11
1	Mining	When in full operation what will be the volume of solution put through the system?	It is hard to say at this stage, but in terms of time, it will take approximately 3 days for a full circulation of mining fluids through the system. This is a slow process but it is cost effective.	PUB	05-May-11
1	Mining	Is it definite that the mine will go ahead?	We are only applying for a licence to trial. Based on the outcomes of the trial, we may make the decision to proceed to full scale mining. A new licence will be needed for this.	PUB	05-May-11
2	Mining	What sort of acid will you be using?	Sulphuric acid will be used to recover the uranium.	PUB	05-May-11
1	Mining	Is the ISR process only used in Australia?	No. this process is also used in the United States, China and Kazakhstan.	PUB	05-May-11
1	Mining	Who operates the field?	The well field team will manage the well field. [The ISR process and groundwater model was explained]	PUB	05-May-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Mining	What happens to the acid at the end of the process?	It will be reinjected into the ground. The hole will be cemented and sealed at the top. About 1 metre is excavated around the hole and filled with soil so the pipe and cement are completely underground. [The ISR process and groundwater model was explained]	PUB	05-May-11
1	Mining	How will the sulphuric acid be stored and what is the pH of the leaching solution?	The sulphuric acid will be stored on-site and the pH of the leaching solution will be ~1.5.	CC / FotE	29-Mar-11
1	Mining	Is the full scale mining operation is likely to be up to 90 ha in area?	Yes, this may the case.	ECG	30-Mar-11
1	Mining / Bunding	What is the height of bunding and does it take into account severe inundation?	The only major drainage system in the area is Deep Creek, which is located approximately 5km away. The hydrology studies have confirmed that a 1 in 100 year flood event will comprise a maximum of 8cm sheet flow event. The hydrologists have recommended that UraniumSA bund infrastructure constructed to a height of 0.5m.	CC / FotE	29-Mar-11
1	Mining / Bunding	What is bunding?	They are mounds around the infrastructure to contain spills and keep water out.	PUB	05-May-11
1	Mining / Infrastructure	Will generators be used in the project?	Yes, there will be generators used for the desalination plant as the project site is too far from the electricity grid.	CC / FotE	29-Mar-11
1	Mining / Infrastructure	Will generators be used for other infrastructure? e.g., lighting towers and processing plant.	check with Alistair	CC / FotE	29-Mar-11
1	Mining / Infrastructure	Has UraniumSA considered the use of solar power for the project?	Solar engineers have identified that it would not be practicle to use solar panels for the project. A very large solar panel (360m x 60m) would be required. Also, the local area only receives 5 hours per day of peak sunlight; hence to operate the project 24/7, a solar panel five times the size would be required resulting in a solar panel larger than the footprint of the proposed field trial's footprint.	CC / FotE	29-Mar-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Mining / Infrastructure	Will any infrastructure be reused for the full scale operation?	UraniumSA will reuse any infrastructure they can for full scale operations. Where this is not technically feasible, UraniumSA have a site restoration plan for the field trial that provides procedures for mine closure including dismantling and disposal of mine infrastructure.	CC / FotE	29-Mar-11
1	Mining / Metallurgy	How will the ion exchange process work?	[The ion exchange process was explained]. The will be using a new chelating resin which only attracts uranium. The purchase of the resin ion exchange columns will be one-off purchases which UraniumSA plan to retain for full scale mining operations. The columns are considered to have low level radiation.	CC / FotE	29-Mar-11
1	Mining / Processing	Has UraniumSA investigated off-site processing of uranium?	UraniumSA has investigated processing of uranium in Adelaide, but this was not considered feasible. Therefore, UraniumSA proposes to process the uranium on-site.	CC / FotE	29-Mar-11
1	Mining / Processing	With in-situ recovery (ISR), is it a high pressure system?	Yes it is. The wells that will be constructed to not leak and will be integrity and pressure tested to ensure the integrity of the system is maintained throughout operations.	ECG	30-Mar-11
1	Mining / Rehabilitation	What happens when UraniumSA leaves?	UraniumSA is required to fully rehabilitate the site and return it to a suitable state for its original use.	PUB	05-May-11
1	Mining / Rehabilitation	Is rehabilitation part of the site restoration plan?	Yes.	CC / FotE	29-Mar-11
1	Mining / Spencer Gulf	How far from the coast will the mining occur?	PIRSA: Mining has to be at least 800m from high tide mark.	PUB	05-May-11
1	Mining / Waste Management	Will the project use evaporation ponds (including for waste water)?	Evaporation ponds will be used for interim waste water storage only. There will be no standing water; waste water will be reinjected back into the target aquifer. Calcium waste sludge will be drummed and potentially dried to reduce volumes.	CPB	24-Mar-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Mining / Waste Management	What happens to contaminated equipment?	It depends on the type of equipment. It can be either cleaned or disposed of in line with government regulations.	PUB	05-May-11
1	Mining / Waste Management	Where will the radioactive waste be located?	The waste will be kept on site in line with regulatory requirements for disposal.	PUB	05-May-11
6	Mining / Waste Management	How will the low level radioactive waste be managed? What is the structure of the waste pit? How do you prevent water filling it up?	The project will include a properly designed low level radioactive clay lined waste pit with a 5m concrete cap to cover the waste. The clay seal will not let water in. A 100 year flood event would not let water in. The pit will be located as far from the gulf as possible while being close to the deposit. The use of a pit is just a precaution as some items that will be disposed of into the pit will not actually be considered radioactive (although will have low level radiation).	PUB / EPNRM	05-May-11
1	Mining / Waste Management	What happens if there is an earthquake?	The reason we use clay is that it is a plastic style material that moves with the earth.	PUB	05-May-11
1	Mining / Waste Management	What does low level radioactive waste mean? Is it damaging?	No it is not damaging as this type of waste is clearly classified low level e.g., gloves, masks, filters, sludges, caking within pipes, that are not harmful top health.	PUB	05-May-11
1	Mining / Waste Management	I am concerned that uranium waste will be returned to the point of origin. Will this change in the future?	This is a political decision. Most people do not call it waste as can be reprocessed and therefore would rather hold on to it. Commonwealth and State regulations prohibit waste materials returning to Australia.	PUB	05-May-11
1	Mining / Waste Management	Can disposing of nuclear waste be useful?	[Discussed different approaches used worldwide]	PUB	05-May-11
2	Mining / Water	Where will the water (for the ISR process) come from?	We will use either effluent water supplied by SA Water (which is currently being discharged to the sea) or sea water. UraniumSA is currently in the process of determining the water source.	PUB / CPB	24-Mar-11

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1	Mining / Water	Will you be piping water? (to use as part of the ISR process)	Yes, and we will be reinjecting the used water underground.	PUB	05-May-11
1	Mining / Water	Will waste water from processing be reinjected into the target aquifer?	Yes.	ECG	30-Mar-11
1	Mining / Water	Will the process waste water that is reinjected into the target aquifer be contaminated?	There will be some change in chemistry of the waste water. However, regulators require the monitoring of the waste water to be undertaken. UraniumSA will be required to remediate the area if any excursions of the liquid occur outside of the predicted area or if the liquid contaminates other areas (i.e., aquifers).	ECG	30-Mar-11
2	Mining / Water / Desalination Plant	Are you going to use water from the sea for the desalination plant?	Yes, if we use a desalination plant, this is an option as the groundwater is not suitable. The sea water will be transported via a pipeline. If this option is used the scale of desalination will be much less than that of BHP Billiton's. For the field trial, UraniumSA will require only kilolitres rather than megalitres of water.	PUB	05-May-11
1	Mining / Water / Desalination Plant	Will the desalination plant be used only during the trial?	There may be a requirement for potable water for full scale operations. Any brine from the desalination plant will be reinjected back into the target aquifer rather than disposed of in the sea. UraniumSA are currently in discussions with the EPA in regards to this.	CPB	24-Mar-11
1	Mining / Water / Desalination Plant	What will be the source of water if no desalination plant is proposed?	We will use either sea water or effluent water.	CC / FotE	29-Mar-11
1	Mining / Wells	If you go to full scale mining, how many well arrays will there be?	There will be approximately 30 arrays. Each array will have a 6 to 12 month life span.	PUB	05-May-11
2	Mining / Wells	What is the diameter of the well array?	Approximately 15m.	PUB / CPB	24-Mar-11
2	Mining / Wells	How many arrays will there be?	~ 5 arrays for the field trial and 30 to 50 arrays if we go to full mining. Each well array will be less than 50m ² .	PUB / CPB / CC / FotE	29-Mar-11
1	Mining / Wells	How much will the pump house [shown in the presentation slide] handle?	1 array.	PUB	05-May-11

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1	Mining / Wells	What does a well field look like?	[Well field construction was explained]	PUB	05-May-11
1	Mining / Wells	What is the lifetime of the poly pipe used for transporting liquids between well infrastructure? Why are they left in the sun? It looks untidy.	By law, the pipes have to be left on the surface to make it easier to detect spills. The poly pipe is made of uPVC and is the same piping used in farming.	PUB	05-May-11
1	Mining / Wells	What is an injection well?	It pumps acid into the aquifer. The acid dissolves the uranium which is then recovered through an extraction well. The acid is neutralised in the ground.	PUB	05-May-11
1	Mining / Wells	What is the life span of the wells?	A well reaches end of life when the uranium beneath the well array has been fully extracted. The well arrays will operate for about 12 months and once completed, the wells would be infilled with acid-resistant bentonite mix. Further, there will be no linkage (i.e., leakage) to non-target aquifers through the well casing.	CPB / ECG	30-Mar-11
1	Mining / Wells	Is the confining layer is restored with the infilling of the wells?	Yes.	ECG	30-Mar-11
1	Mining / Wells	What volume of material would be dissolved and extracted?	The volume of material will be a varying small amount which will not be measurable.	CPB	24-Mar-11
1	Mining / Wells	How many wells are there in one array?	There will be 8 wells per array.	CC / FotE	29-Mar-11
1	Mining / Wells	How many disposal wells will there be per array?	There will be 2 disposal wells per array, one of which will be a backup well.	CC / FotE	29-Mar-11
1	Mining / Wells	Will the wells be polyethylene lined?	No, they will be lined with PVC.	CC / FotE	29-Mar-11
1	Mining / Wells / Groundwater	Will the injected acid move north?	No, it will move down gradient.	CC / FotE	29-Mar-11
1	Project	What is the area of the Blackbush prospect?	Approximately 2-4 km ² and is shaped like an old river channel.	PUB	05-May-11
1	Project	Who owns UraniumSA? Is there a major shareholder?	UraniumSA is a publicly listed company. There is no majority shareholder invested in UraniumSA. The biggest investor is Acorn Investments who hold ~6.1% of USA shares.	PUB	05-May-11

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1	Project	Why did you buy the land at Nonowie?	To give us access to both roads; Mullaquana and Lincoln Highway.	PUB	05-May-11
1	Project	How long is this project (trial)?	It is expected that the trial will begin in later in 2011 and go through to 2012.	PUB	05-May-11
1	Project	How big is the field trial?	1500m ²	PUB	05-May-11
1	Project	If you go to full scale mining how much area will it cover?	This hard to say at this stage as it depends on the outcomes of the trial.	PUB	05-May-11
1	Project	Will project staff be based locally?	Project staff are currently based in Nonowie Station (8km from the trial site) and Whyalla. Any additional workforce is likely to reside in Whyalla. Professional staff may also fly in due to skills not readily available in Whyalla. There will only be a small number of staff for the trial.	CPB	24-Mar-11
7	Project	What can you tell me about the project? What is ISR?	PIRSA: This is a new project using in-situ recovery technique (ISR was explained). The trial will cover a 5 hectare area with well arrays for injecting mining fluids and extracting uranium solution to produce yellowcake.	PUB	05-May-11
1	Project	How big will the project be?	The purpose of the trial is to understand more about the potential of the project. It is estimated that there will be approximately 40 employees.	PUB	05-May-11
1	Project	How long will it be to full production?	About 3 years.	PUB	05-May-11
1	Project / Economic Benefits	When you buy products and supplies locally, do you factor in the local cost versus freighting from non-local sources? Do you buy from local suppliers?	We buy from local suppliers as much as possible. Currently, about 90% of all purchases for site operations are purchased from local suppliers.	PUB	05-May-11
1	Project / Economic Benefits	Is the project economically viable due to the current market for uranium?	Although UraniumSA has been affected by the current market for uranium, the prices in Australia have not been affected that much.	CC / FotE	29-Mar-11

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1	Project / Economic Benefits	Will the retention lease proposal contain information on the potential profit from the project?	No, the project is only a field trial at this stage, not a full scale commercial operation. The purpose of the trial is to determine if full scale mining is feasible and to define appropriate technology.	CC / FotE	29-Mar-11
1	Project / Economic Benefits	When will UraniumSA generate information on profits and produce finance models?	This will be undertaken next year. Such information will be released when the information becomes available.	CC / FotE	29-Mar-11
1	Project / Economic Benefits	Will UraniumSA provide any contributions to non-proliferation organisations and if so, if such information would be included in the retention lease proposal.	UraniumSA is not currently considering such contributions and will not be providing information on this matter in the proposal.	CC / FotE	29-Mar-11
1	Project / Economic Benefits	Is 28Mlbs of uranium is considered significant mineralisation?	Yes, it is considered significant mineralisation in Australia. This amount of uranium is also becoming considered internationally significant.	EPNRM	30-Mar-11
1	Project / Employment	How soon can you get this rolling so we can get decent jobs?	If the trial is successful, people will be recruited as required. Already there are 10 local residents employed on site.	PUB	05-May-11
1	Project / Employment	Did you recently advertise a position for an Aboriginal Liaison Officer?	No we did not advertise this position. We have recently recruited and trained other positions and they were all filled by local people. We also approached Walga Mining about aboriginal employment but there was no one available at that time. We have a specific strategy to employ local people and train them in such a way that builds ownership, conscience and sustainability in their work. We are looking to do some work to assist young indigenous people.	PUB	05-May-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Project / Fukushima	What is the feeling on Fukushima? Is it worse than Chernobyl?	PIRSA: The Fukushima won't influence the industry on a long term basis. In terms of incidences, 2 people have been injured and there is ongoing monitoring of radiation. Any incidences with the proposed field trial will be reported by UraniumSA and will be publicly available.	PUB	05-May-11
1	Project / Location	Where is the project located?	On Nonowie Station approximately 20km south of Whyalla (the geography of the area was explained).	PUB	05-May-11
1	Project / Location	How far from the sea is the site?	Approximately 3.5km from the eastern edge of the retention lease area.	PUB	05-May-11
1	Project / Location	Can you see the project from the highway?	No. [An outline of the geography of the region was given]	PUB	05-May-11
1	Project / Location	Will UraniumSA open an office in Whyalla?	If the mine progresses to full scale then UraniumSA intends to have a physical presence in Whyalla.	PUB	05-May-11
1	Project / Location	Is the project site approximately 14m in elevation about Cowled's Landing?	Yes. Further to this, the main impact to residences would be from lighting at night, which would be mainly seen from Mullaquana Station.	CPB	24-Mar-11
1	Project / Location	Is the project located on a pastoral lease?	The project is located on perpetual lease.	CPB	24-Mar-11
1	Project / Other Mines	How long has the Beverley mine been in operation for?	The Beverley mine started in 1999 or 2000. The UraniumSA project currently only comprises the field trial at this stage and environmental studies are still being conducted.	CC / FotE	29-Mar-11
1	Radiation	What is the general process of mining and radiation as a result?	The uranium recovery process is similar to the Beverley mine. There is low surface footprint and little dust. The main risk is radioactive dust however this will be mitigated by keeping the substance moist (dust suppression).	PUB	05-May-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
3	Radiation	What are the potential impacts of radiation for the project?	The difference here is that all workers are now monitored. The industry is heavily regulated to ensure as many risks are avoided as possible. Every employee is monitored using a small monitor (radiation tag). Because of the drilling type, potential exposure to radiation is very low. The trial will monitor various things on site to see what level of exposure is and whether further precautions need to be taken. Dust from the cores is the biggest risk, but the cores are wet when they come up so the risk of exposure is minimal. Further, radiation levels cannot be measured from the project as it has not yet begun. Modelling has been undertaken for the project; the model predicts that radiation from radon from the project will increase by 0.5 Bq/m ³ . As radon occurs naturally between 10 and 30 Bq/m ³ , the predicted increase in radon levels as a result of the project will be very small. Outside the retention lease area, there will be no increase in radiation as a result of the project.	PUB / ECG	05-May-11
1	Radiation	Will the Eight Mile Creek farm area, which is highly populated, be affected by radiation?	Radiation levels increase with proximity to the project site.	ECG	30-Mar-11
1	Radiation	Why are areas outside the project site not being monitored for radiation?	This is something that UraniumSA will consider.	ECG	30-Mar-11
1	Radiation	How is radiation modelled and tested?	[Outlined the different modelling techniques and the ISR process]	PUB	05-May-11
1	Radiation	What is the background radiation of the site?	The average radiation reading is 2-3 mSv /year (milli-Sieverts per year). However, this site is close to the coast so the background radiation is closer to 1.5 mSv/year.	PUB	05-May-11
1	Radiation	What are the issues that could arise from radiation?	The risks are low. Existing radiation is in the ground and there is a low risk of radiation from dust.	PUB	05-May-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Radiation	Is radium radioactive for a long time?	The main thing that is produced is radium scale in pipes. Radium has a half-life of 1,600 years so after 10,000 years the radium will disappear.	PUB	05-May-11
1	Radiation	So things like gloves and low level waste will have radium, not uranium?	Probably gloves would have uranium but the process will measure to see if they are actually radioactive.	PUB	05-May-11
1	Radiation	In processing, do you get radon gas?	Yes, there will be radon gas dissolved in water, which goes into the air when the water is brought to the surface. The amount added to atmosphere will be nominal. Radon will be measured as part of the field trial.	PUB	05-May-11
1	Radiation	What is the background level for radon at the site?	It is currently 10 to 25g/m ³ . This is expected for a room in a building or outdoors. Generally, radon levels average 20Bg/m3.	CC / FotE	29-Mar-11
1	Radiation	What is the reliability of the models used to predict radiation impacts as a result of the project?	The models for radon are usually quite reliable. The unknown is not the model, but how much radon is actually released from the ground; this will not be known until it is measured. Therefore, the models are conservative and assume 100% release of radon into the atmosphere. The closer you are to the source of radon, the less reliable a model prediction is. We have never known a model to be off by more than a factor of 10.	EPNRM	30-Mar-11
1	Radiation	What level of radiation has been encountered?	The level of radiation encountered is at natural levels.	PUB	05-May-11
1	Radiation	Is it the next processing step that increases radiation levels?	Yes, the splitting of uranium into smaller atoms makes it much more radioactive as neutrons are generated. There is no fission of neutrons involved in the mining process.	PUB	05-May-11
1	Radiation / Dust	What water will be used for dust suppression?	The options are either sea water or waste water pumped to the site.	PUB	05-May-11
1	Radiation / Waste / Fauna	What stops animals from getting into the waste?	[Outlined the process for waste disposal]	PUB	05-May-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Radiation / Waste / Spillage	What if there is a spill? What is safe?	UraniumSA will strictly follow all regulations in the event of a spillage. We are required to report these incidences to PIRSA who will make the information publicly available.	PUB	05-May-11
2	Radiation / Water	What about water under the property? What about hydrology levels?	UraniumSA has undertaken a number of trials to understand the impact of the surrounding land. In-situ recovery requires waste water to be returned to the site was taken from. The reality is that there is already radiation there.	PUB	05-May-11
3	Regulations	Does everything have to come through you (PIRSA)?	PIRSA: Yes, PIRSA is responsible for mining approvals and set the criteria and conditions for mining.	PUB	05-May-11
2	Regulations	Will the mine do the right thing? How do you check up on the mining?	PIRSA: PIRSA will be implementing strict mining conditions that must be implemented, monitored and reported against. PIRSA will also conducting regular site inspections.	PUB	05-May-11
1	Regulations	There are issues currently not being resolved by PIRSA. How will this be dealt with? Also, there are lots of people not here at community session. They should be here now and be up front to give UraniumSA the opportunity to respond to concerns.	PIRSA: PIRSA's job is to regulate and ensure that the mining operation is being done according to the conditions set in the lease. PIRSA holds the reigns and will ensure that the community is kept informed.	PUB	05-May-11
1	Regulations	Is PIRSA independent of the proposed mine? How can the regulators be trusted when they have known that the Santos operation has been leaking oil for at least 2 years now?	The government will ensure that UraniumSA is complying with regulations and will be implementing strict mining conditions that must be implemented, monitored and reported against.	PUB	05-May-11
1	Regulations	What is the regulatory process?	[The handout showing the regulatory process was explained]	PUB	05-May-11
1	Regulations	Will there be any development application requirements for full scale mining?	Besides the requirement for a licence for the potential pipeline to the desalination plant, a Miscellaneous Purpose Licence (MPL) will be required under the Mining Act for water intake.	CPB	24-Mar-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Regulations	Is a bond required for the project and how much is it?	Yes, a bond is required for the project, with the full amount being determined by PIRSA. The bond ensures that rehabilitation of the project is financed should UraniumSA not comply with the retention lease proposal, the lease conditions and relevant legislation.	CC / FotE	29-Mar-11
1	Regulations	Is the retention lease application just for the trial area?	Yes, if we decide to go to full scale mining we will have to reapply through the same process for a mining lease.	PUB	05-May-11
1	Traffic	How is the traffic moving?	There will only be light local traffic.	PUB	05-May-11
3	Yellowcake	How much yellowcake will be produced in the trial?	A maximum of ~25 to 30 tonnes of uranium metal equivalent which is ~350kg per drum which approximates 60 drums.	PUB	05-May-11
3	Yellowcake	How does the recovered solution get from liquid to yellowcake? How is yellowcake produced?	[The ISR methodology was explained] Further, yellowcake will be left as a wet product during the trial so not to create dust. Yellowcake is relatively safe in radioactive terms (it is an alpha emitter) however it cannot be inhaled. Standard personal protective equipment is worn when handling or managing yellowcake.	PUB	05-May-11
1	Yellowcake	How many tonnes per annum of yellowcake will be produced during full mining?	Approximately 600 to 1000 tonnes per annum.	PUB	05-May-11
2	Yellowcake	Will yellowcake be produced on site?	Yes. For the trial, the yellowcake will be kept moist and transported (once only) at the end of the trial.	PUB	05-May-11
1	Yellowcake	What exactly is yellowcake?	It is basically the compound when you extract uranium out of solution and approximates 80% by weight uranium.	PUB	05-May-11
2	Yellowcake	What level of radioactivity does yellowcake have?	Yellowcake emits alpha radiation which has low penetrative power and can be deflected by a sheet of paper.	PUB	05-May-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
1	Yellowcake	So it is relatively stable because you are transporting it by road?	It is safe to transport. Yellowcake is an emotive issue, but if there was an emergency I would rather deal with yellowcake than a truck of petrol. Essentially, to handle yellowcake, workers only require protective clothing to avoid inhaling yellowcake dust.	PUB	05-May-11
1	Yellowcake	Can you breathe it in?	Definitely not. Yellowcake is an alpha emitter and will do internal damage. Further, physical damage is predominantly caused by the toxic chemicals in yellowcake more so than radiation.	PUB	05-May-11
2	Yellowcake	Will yellowcake be in powdered form?	During the trial, the yellowcake will be kept wet. If we go to full scale mining, it will be sold in powder form and dried only at the very last stage of the processing. There will be no radioactive dust and the yellowcake will be stored in sealed drums.	PUB	05-May-11
1	Yellowcake	Where is the uranium sold to?	We operate within a regulatory framework whereby the Commonwealth manages the sale of uranium overseas. It must be sold to countries that have signed the nuclear non-proliferation treaty.	PUB	05-May-11
1	Yellowcake	Where will the yellowcake go after you have finished the trial?	We need to check with PIRSA but it may be that it will be stored in a repository at Honeymoon or Beverley uranium mines.	PUB	05-May-11
2	Yellowcake / Export	Who exports uranium? Where does UraniumSA's involvement end?	Sale and export of uranium is a Commonwealth government approved process.	PUB	05-May-11
1	Yellowcake / Transport	Why would you worry about avoiding Whyalla in the transport of yellowcake when you will have to go through Port Augusta anyway?	The decision to bypass Whyalla through Iron Duke is due to the management of issues whereby some are vehemently opposed to the transportation of yellowcake through the city.	PUB	05-May-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
3	Yellowcake / Transport	What route will be used for transport of the product?	If full mining begins, the product will be transported via a truck in sealed drums in a container. The route by-passes Whyalla to Port Adelaide. As this is only a trial, no product will be exported.	PUB	05-May-11
9	Yellowcake / Transport	Will you be transporting yellowcake? Will there be any local shipping?	During the field trial, yellow cake will be produced but not transported and no local shipping will occur. If the trial goes to full mining, yellowcake will be transported by truck approximately once a month. The transport and sale of yellowcake requires licences from the Commonwealth Government and is strictly regulated. The transport of yellowcake will be via a semi-trailer and will bypass Whyalla to Port Adelaide. The transport route, however, depends on the decision made by the SA Department of Transport, Energy and Infrastructure.	PUB / CPB / CC / FotE	05-May-11
1	Yellowcake / Transport	How many times will yellowcake be transported?	Yellowcake will be moved by truck only once at the end of the trial.	CC / FotE	29-Mar-11
1	Yellowcake / Transport	Who will undertake the clean up if vehicles transporting yellow cake are involved in a crash?	There is a code of practice for the safe transport of radioactive materials that determines how such material is to be transported including the requirement for pre-lodgement of the shipment prior to shipment. Due to its containment, it is unlikely that yellow cake would spill out of their containers even during a crash.	ECG	30-Mar-11

No. of Times Raised	Category	Question / Issue Raised	Response	Source	Latest Date Recorded
2	Yellowcake / Transport	Is the Metropolitan Fire Service is trained to respond to transport incidents involving radioactive materials?	The first response would be from the Metropolitan Fire Service if within a city, or by State emergency services or the Country Fire Service, if in a regional location. Response is not any different to response to other transport of dangerous goods except that if it happens in the Woomera Prohibited Area, the Woomera Emergency Services would respond to the incidents. Should any yellow cake be ingested or inhaled, the body will expel the radioactive materials in three to four days. However, the risk from ingestion/inhalation of yellow cake is not from its radioactivity but from its actual toxicity, as uranium is similar to lead and cadmium in toxicity.	ECG	30-Mar-11