



KYRGYZ REPUBLIC
COMMUNITY DEVELOPMENT AND INVESTMENT
AGENCY
(ARIS)

THIRD VILLAGE INVESTMENT PROJECT
(VIP 3)

**Microproject: Capital repair of the rehabilitation center in
Novovoznesenovka v., Boz-Uchuk AA, Ak-Suu raion, Issyk-Kul
oblast**

Checklist
Environmental and Social Management Plan (ESMP)

Karakol - 2019

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Abbreviations

AO	Ayil Okmotu
ARIS	Community Development and Investment Agency
ACM	Asbestos-containing materials
WB	World Bank
SAEPF	State Agency on Environmental Protection and Forestry under the Government of Kyrgyz Republic
SETI	State Environmental and Technical Inspection under the Government of Kyrgyz Republic
SC	Small Cattle
EMP	Environmental Management Plan
SES	Sanitary and Epidemiological Supervision
TS	Technical Specifications
APS	Architectural and Planning Specifications

PART 1: GENERAL INFORMATION ABOUT THE PROJECT AND SITE

INSTITUTIONAL AND ADMINISTRATIVE DESCRIPTION				
Institutional arrangements (name/contact details)	Project management ARIS VIP 3 Coordinator M. Bayaliev tel: 0312 30-01-50-217		Local partner and/or beneficiary Head of Boz-Uchuk Aiyl Okmotu	
Implementation arrangements (name/contact details)	Safeguards measures control ARIS Safeguards Specialist T. Kandjebayev 0555667466	Technical supervision Chadaeva E. J. 0550612612	Supervision by local authorities	Contractor To be defined after bidding
SITE DESCRIPTION				
Site name	25 Adamov st., Novovoznesenovka v., Boz-Uchuk AA, Ak-Suu raion, Issyk-Kul oblast			
Description of project works	<p>Capital repair of the building, part of the Boz-Ushuk Group of Family Doctors</p> <p><i>FACILITY SPECIFICATIONS</i></p> <p>One-store building with a size of 19x11 m. Total area is 209 m2.</p> <p>The following types of work is planned to be fulfilled under the micro-project: Replacement of the building roof:</p> <ul style="list-style-type: none"> - Dismantling of roof covering made from asbestos cement sheets – 195 m2 - Replacement of wooden elements of roof structures – 6 pcs. - Installation of rood boarding – 195 m2 - Installation of roof from metal sheets– 195 m2 - Installation and painting the ledges– 30,5 m2 - Facing and painting the gables– 9,8 m2 - FP of wooden structures of the roof -195 m2 - Installation of water discharge system, installation of pipes – 6 pcs <p>Window and door apertures:</p> <ul style="list-style-type: none"> - Dismantling window blocks– 17,3 m2; - Installation of window blocks from PVC– 17,3 m2; - Dismantling door blocks– 26,4 m2 - Installation of outside and door blocks– 25,0 m2; <p>Floors:</p> <ul style="list-style-type: none"> - Dismantling of plank floor– 44,2 m2; - Changing floor level by banking up -15,5 m3 			

- Installation of leveling concrete- 44,2 m2;
- Construction of floor from paving tile- 44,2 m2
- Planing of floor wooden cover- 84,5 m2
- Improved oil-based painting of wooden floor- 84,5 m2

Internal finish:

- Dismantling the ceiling from veneer wood - 27,4 m2
- Facing the ceiling with chipboard sheets- 27,4 m2
- Limestone painting inside the building- 423 m2
- Smooth facing of walls with tiling -52,6 m2
- Improved oil-based painting of wooden walls – 114,5 m2

Water supply and sewerage:

- Installation of single wash basins - 4 set
- Installation of sinks- 1 set
- Installation of water heaters- 1 set
- Installation of water closets -4 set
- Laying water pipes with a diameter of 20 mm – 24,2 m
- Laying sewerage pipes with a diameter of 100 mm – 10 m
- Laying sewerage pipes with a diameter of 50 mm- 20 m
- Drilling holes in the walls- 5

Electricity and lighting:

- Laying wires with a section up to 6 mm- 114 m
- Installation of wiring ducts- 114 m
- Installation of splitter box with safety fuse- 4 un.
- Installation of automatic circuit breakers up to 100A – 1 pc
- Installation of automatic circuit breakers up to 250A – 1 pc.
- Installation of switchers 11 pcs.
- Installation of sockets- 13 pcs.
- Installation of lamps – 18 pcs.

Heating:

- Installation of convectors “Accord” type 100 kWt- 14 pcs.

Ramp:

- Construction of underlayer -1,5 m3
- Construction of concrete layer -1,2 m3
- Siding of concrete layer- 1,6 m2
- Construction of pavement with tiles- 2,4 m2
- Fencing of staircase landing with metal railings – 11 m
- Painting railings and bars – 8,8 m2

External supply lines:

	<ul style="list-style-type: none"> - Excavation of soil in tranches with an excavator -75,6 m3 - Manual excavation of soil in tranches- 6,5 m3 - Laying pipelines with a diameter up to 150 mm – 55 m - Laying pipelines with a diameter up to 50 mm – 60 m - Installation of round sewerage wells – 23,6 m3 - Installation of cast-iron hatches – 2 unit - Tie-in of steel nozzles into the existing network -1 pc <p>Metal fencing:</p> <ul style="list-style-type: none"> - Installation of metal fence on posts, post space is 3 m – 52 m - Installation of metal gates – 3,2 m - Painting a metal two times – 75 m2 <p>Duration of construction works is 3 months</p>
Land owner	Boz-Uchuk AA.
Description of geographical, physical, biological, geological, hydrographic and socio-economic conditions	<p>Novovoznesenovka v. of Boz-Uchuk Aiyl Aimak is located in 25 km away from raion and 33 km away from oblast center. The village is multiethnic: Kyrgyz, Russian, uzbek, tatarian, dungan, kalmyk etc. Total population of Boz-Uchuk AA is 6900 people including 3400 women. There are also a hospital, school for 700 children, a kindergarten, post office, REPS, shops, bank cashes in the village. The rehabilitation center for disabled children does not have its own building, and is temporarily located in the building of “Jannat+” kindergarten.</p> <p>Capital repair is planned to be conducted in the building which used to be a department of Boz-Uchuk Family Doctors Group. The building is owned by Boz-Uchuk AO. It is located on 25 Adamov st., 50 m. away from the secondary school, 150 m. away from the kindergarten and 100 m. away from the highway.</p> <p>There area and its neighboring territories are free from historical and cultural sites. <i>The depth of ground water at the construction site is over 10 m.</i> <i>Topography:</i> flat. The area is free from landslides and floods, no track of soil erosion. <i>Ground surface:</i> soil. Construction work will not damage soil and will have no impact on the landscape. <i>Vegetation:</i> The building site has some tree and shrubs. <i>Water supply:</i> available <i>Sewerage:</i> no centralized sewerage <i>Electric power supply:</i> available <i>Asbestos-containing materials (ACM):</i> roof cover <i>Resettlement issues:</i> WB 4.12 Operational policy - Involuntary resettlement is not required</p>
Location and distance from the material supplies, inert materials and water	<p>From nearby construction markets</p> <p>From water supply network</p>
LEGISLATION	

National legislation and permission documents applying for the project activity	<ul style="list-style-type: none"> • Law of KR on environmental protection (2016) • Law of KR on environmental expertise (2015) • Law of KR on general technical regulation on environmental safety in KR (2012) • Law of KR on production wastes and consumption (2001) <p>The contractor is responsible for:</p> <ul style="list-style-type: none"> • <u>Obtaining permission for construction works from territorial raion administration on civil construction and architecture;</u> • Concluding contract with AO for disposal of construction waste on AO dump
<p>PUBLIC HEARINGS</p> <p>Insert venue/time of public hearings</p>	Public hearings were conducted during the selection of priority issues to participate in competition of VIP-3 Cycle 2 and during the preparation of check-list. 20.04.19 v. Novovoznesenovka.
<p>INSTITUTIONAL CAPACITY BUILDING</p> <p>Are there capacity building activities envisaged?</p>	<p><input type="checkbox"/> No or <input checked="" type="checkbox"/> Yes</p> <p>Training on the following subjects were conducted: “Joint evaluation of village needs”, “Preparation of Local Development Strategies”, “Development of project proposals”, “Community capacity development: legal basics of LSG”.</p>

PART 2: SAFEGUARD INFORMATION

	Activities and examples of possible impacts	Status – if the answer is Yes	Further reference
Can the planned work on the site directly or indirectly cause any of the following problems and / or impacts?	1. Reconstruction/rehabilitation <ul style="list-style-type: none"> • Traffic load at the area • Increase of noise and dust level and the pollution of water and soil during the demolition and/or reconstruction of the facility • Construction and domestic wastes 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See items A and B
	2. New construction <ul style="list-style-type: none"> • Consequences of excavation works and erosion of soil • Waste water to local water streams and underground aquifer • Traffic load at the area • Increase of noise and dust level during the construction • Construction waste 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See items A and B below
	3. Labor protection and Safety for workers during the construction	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See item A below
	4. Traffic and pedestrian safety provision <ul style="list-style-type: none"> • The site is located at the populated area 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See item D
	5. Improvement of the building design for improved rational use of water and energy	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See items F and H
	6. Sewerage and waste water treatment <ul style="list-style-type: none"> • Waste water disposal and/or direct disposal of the waste water to local water streams 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See item L
	7. Historical buildings and sites <ul style="list-style-type: none"> • Destruction of the historical and cultural heritage (HCH) 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See item K
	8. Land allocation ¹ <ul style="list-style-type: none"> • Using the territories of private land • Temporary resettlement of local people due to the project work • Involuntary resettlement measures • Impact on incomes/livelihood of local people and business structures 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See item M
	9. Hazardous or toxic substances ² <ul style="list-style-type: none"> • Disposal or recycling of toxic and/or dangerous construction or demolition wastes 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See item C

¹ Land acquisition (land allotment) for project work includes the relocation of the local population; changes in the livelihoods of the local population; invasion of privately owned territories. This applies to plots of land that are acquired or transferred under the project, and such acquisitions or transfers of land are related to the impact on people who officially and / or informally live and / or are engaged on this land with some kind of business (for example, they keep kiosks).

² Work with toxic and / or hazardous materials includes, but not limited to work with asbestos, toxic paints, lead containing paint stripping work, etc.

	Activities and examples of possible impacts	Status – if the answer is Yes	Further reference
	10. Impact on forests and/or other protected areas <ul style="list-style-type: none"> • Impact on protected forests, buffer and/or other protected areas • Trouble for local natural habitat of protected animals 	[] Yes [X] No	See item I
	11. Handling with medical wastes and their disposal <ul style="list-style-type: none"> • Disposal of medical wastes at the area and beyond 	[x] Yes [] No	See item J

PART 3: MITIGATION MEASURES

Activities	Parameters	Mitigation checklist
A. General conditions	Notification, induction and providing operational safety	<ul style="list-style-type: none"> (a) Local inspectorates supervising construction works and environmental safety, and local people are notified on expected project works in a proper manner. (b) Local communities are notified about works through signboards in public places (including construction sites) in a proper manner. (c) Appropriate fences are installed around the construction site to provide safety for people and children. (d) Required legal permissions are received (use of natural resources, waste dumps etc.) for the production of construction works. (e) All types of work must be performed with due safety and discipline in order to minimize negative impacts of production process on local people and environment. (f) Appropriate indication and information signs notifying the workers about basic required rules and principles of work performance must be installed on site. (g) If the Contractor attracts to construction and repair work the local staff that will reside on the site, it must have all necessary conditions including dormitory, kitchen, shower, toilet and meals should be arranged. (h) Availability of first aid kits on the construction site. (i) Individual safety means of the workers must meet work safety standards (with obligatory wearing of hardhats, masks where needed, protective goggles, safety belts and protective footwear). (j) Performance of work in accordance with SNIП KR 12-01-18 Labor safety in construction. (k) Availability of safety induction logs at the workplace. (l) Availability of a list of emergency services and their closest location, telephones on the construction site.
B. General construction works	Air quality	<ul style="list-style-type: none"> (a) Construction waste must be collected in a designated area and then taken to a landfill. (b) Keep the construction site and its surrounding areas clean. (c) It is forbidden to burn construction waste and structures on an open fire at the construction site. (d) Prevent excess accumulation of inoperative construction equipment at the construction site. (e) Do not allow the engine to idle. (f) Lower the level of dust from construction or material transportation to a minimum by means of watering the access roads. (g) Reduce the amount of loading soil in vehicles. (h) Organization of proper storage operations and inflammable and toxic substance materials transportation (gas tanks, bituminous materials, solvents, paints and polish, slag and glass wool) and etc. (i) Equip motor transport conveying bulky goods with removable canvas. (j) Use certified varnish and paints permitted in pre-school and school buildings.
	Soil	<ul style="list-style-type: none"> (a) Refueling vehicles strictly at fixed stations (b) Avoid contamination of the construction area with fuel and oil spills in order to prevent entry into the soil. (c) Stripping the topsoil to use in reclamation work

Activities	Parameters	Mitigation checklist
		(d) Provide drainage measures to prevent soil flooding at high groundwater levels (e) The territory of the parking lot of construction equipment should be covered with rubble
	Noise	(a) Construction noises are allowed only during the specific time from 8 am to 6 pm. (b) During works, engine cowl and jackets of the generators, air compressors and other machines and mechanical devices must be put on and closed, and the machines and mechanism must be situated as far from residential construction as possible.
	Water quality	(a) Pollution of construction territory by spilled combustive and lubricating materials must be avoided to prevent polluted runoff get into irrigation canals.
	Work with wastes	(a) For construction waste, prepare places for its temporary storage with subsequent removal to a local landfill. (b) Whenever possible, the contractor shall ensure the reuse of appropriate, applicable and resistant materials (with the exception of ACM). (c) Household and food waste from the permanent location of the Contractor's visiting staff should be separated from other construction waste and placed in special containers, which should be transported to a local landfill as they are filled.
C. Toxic materials	Work with toxic and hazardous materials	(a) All toxic or hazardous substances, when stored temporarily at the work site, must be stored in reliable containers, labeled appropriately, indicating the composition and properties of this material and the rules for working with it. (b) When selecting transformer oil for laboratory testing, containers containing hazardous substances must be placed in containers that exclude any possibility of leaks so that spills and leaks do not occur. (c) Paints containing toxic components or solvents based on lead should not be used during work. (d) When removing paints the workers should use respirators;
	Work with asbestos containing materials	(a) If there is an asbestos at the construction site, it must be clearly marked as a hazardous material. (b) If possible asbestos shall be placed in appropriate air-tight containers to minimize its impact. (c) Before removing asbestos (if it necessary) it shall be treated by wetting substance to reduce formation of asbestos dust. (d) Only qualified and experienced specialists will have an access to work with asbestos. (e) If there is a need for temporary storage of asbestos-containing materials, all wastes shall be stored in safe, appropriately marked and closed containers. (f) Removed asbestos shall not be re-used. (g) AO submits to ARIS a statement on disposal of ACM, photos of ACM disposal
F. Power supply		Installation of reliable energy supply connected to the existing networks according to the TS. Comply with the rules of operating electric devices. Instruct on first aid when injured by electric current.
H. Heat supply		Heat supply – electric with energy saving activities and reduction of heat loss through appropriate insulation of floors, external walls and ceiling according to the design.

Activities	Parameters	Mitigation checklist
J. Medical wastes and their disposal		Medical wastes shall be disposed in accordance with the temporary rules of medical waste disposal RGoKR
L. Sewerage		Provide assembly of water supply and sewerage pipes, installation of new septic tank on the center territory. All wastewater shall flow to the septic tank (clarified water shall be discharged to soil through gravel-sand filters). When filled the septic tank shall be cleaned by AC machine (AO/school administration is responsible for this)

PART 4: MONITORING PLAN

Stage	What (due monitoring?)	Where (due monitoring?)	How (due monitoring?)	When (frequency (or permanent?))	Why? (due monitoring?)	Cost (if not included in design estimate)	Who (responsible for monitoring?)
Design	Detailed design and estimates (DDE) meeting the project requirements Not required	Reports and final DDE prepared by the design company	Review of the reports and final DDE prepared by the design company	At the stages of submitting final DDE to expertise by the design company	To provide inclusion of all necessary requirements to bidding documents	On account of Project budget	VIP-3 engineer, Safeguards Specialist, responsible for the implementation of the sub-project/micro-project.

Stage	What (due monitoring?)	Where (due monitoring?)	How (due monitoring?)	When (frequency (or permanent?))	Why? (due monitoring?)	Cost (if not included in design estimate)	Who (responsible for monitoring?)
Construction works	<ol style="list-style-type: none"> 1. Fencing the territory during construction works. 2. Information stands with contact details for local people complaints. 3. Availability of personal protective equipment for Contractor's staff 4. Preventing soil erosion and transfer of waste water to adjacent water courses. 5. Appropriate collection and removal of construction wastes. 6. Contract between the Contractor and ayil okmotu for the disposal of construction wastes to the local dump. 7. Permission of the relevant state body for tree cutting. 8. Availability of safety instruction log. 9. Preventing of dust production. 10. Time limit for noise (from 8 am to 6 pm). 11. Availability of first aid kits. 12. Availability of instructions for the types of work. 13. Availability of drinking water. 	Construction and assembling work site.	Inspection visits to the construction sites. Handling the complaints of local people.	During construction and up to issue of Certificate of completion. In case of handling local people complaints.	To provide compliance with all necessary environmental requirements.	The Contractor must include to the bidding documents.	VIP-3 engineer, Safeguards Specialist, engineer of the contracting company, regional SETI and SES

Stage	What (due monitoring?)	Where (due monitoring?)	How (due monitoring?)	When (frequency (or permanent?))	Why? (due monitoring?)	Cost (if not included in design estimate)	Who (responsible for monitoring?)
Operation area	Proper operation of the facility	On facility	Supervision	daily	According to the requirements of the national regulations and standards	On account of the beneficiary	Facility manager
			Inspections	Regular according to the job instructions.			Regional inspectors of SETI and SES

PART 5. MONITORING CHECKLIST FOR THE CONSTRUCTION SITE

№	ESMP checklist elements	Status (compliance)			Notes
		Yes	No	Not required	
General requirements					
	Availability of the checklist on the work place of the contractor				
	Availability of environmental permissions				
	Contract for waste disposal				
Prevention of air pollution					
	Watering roads;				
	Monitoring of air quality				
	Covering fill materials when transported and stored;				
	Delivering packed cement to the construction site				
Prevention of water pollution					
	Sanitary treatment of the construction site;				
	Adherence to the regime of canal water protection zones;				
	Cleaning the territory from oil and fuel;				
	Arranging place for the machinery maintenance.				

Prevention of land pollution				
	Whether the following activities are conducted:			
	Cleaning sites from the construction waste;			
	Stripping excavation;			
	Collection of solid wastes in special containers			
Noise impact measures				
	Noise monitoring			
Preservation of bio resources				
	Permission for tree cutting			
Safety measures, health of staff and population				
	Arrangement of bypass and alternative access roads			
	Installation of warning or prohibiting signs in dangerous places;			
	Development of safety instructions			
	Availability of protection and hygienic tools, first aid kits;			
	Providing all types of instructions;			
	Availability of access control procedures			

PART 6. INFORMATION ABOUT BFM AND GRM

All project stakeholders may appeal to ARIS BFM regarding VIP-3 implementation and have the following rights:

- Right to information;
- Right against inappropriate intervention by an outside party;
- Right to participate in the project bid free of fraud and corruption.

Any VIP-3 stakeholder (including villagers, contractors, project staff, authorities, and other involved parties) may file a grievance if s/he believes one or more of these rights have been infringed, or if any of the project's principles and procedures has been violated.

Grievances are disclosed publicly, but no one who files a grievance is identified unless they self-identify. The identity of all those who have filed grievances is treated confidentially.

Grievance redress mechanism

Logging of feedback. *Appeals received by written correspondence or verbal report* are included in the log of BFM and are entered into GRM configuration in 1C program to analyze and monitor incoming correspondence with the following information (depending on what is provided):

- Name and surname;
- Registration and residential address or telephone number;
- Contents of the request;
- Other background information.

The appeals may be submitted anonymously. In cases where the appeals were received in the absence of any of the above data, it is recorded in the log of incoming correspondence of the BFM, and the results of the appeal will be published in the media at the local level, on the ARIS website or made public at the session of the AK.

Follow up. Once the investigation is complete, the beneficiary will be notified of the decision made by ARIS regarding their case. The citizen/beneficiary has a right to appeal is not satisfied with the resolution of the case. Instructions on appeal will be provided with the response.

Appeals. Appeals are considered by the ARIS special Review Committee. The Executive director of ARIS will form the Review Committee from project managers and head of departments that will conduct appeal hearings. After review of the appeal the citizen/beneficiary unsatisfied with the solution received has a right to appeal against the decision in court.

Publication of the Appeals. After the APPEAL (applications, suggestions, complaints, requests, positive feedback) is resolved to encourage BFM use, measures taken to resolve the appeal will be published in mass media at the local level. Upon request the identity of an appealing person will be kept in secret.

Feedback channels. Within ARIS VIP-3 the following feedback channels are set to allow the residents/beneficiaries send their appeals at different stages of the project implementation:

- a. WhatsApp (a system of immediate exchange of text messages for mobile devices with audio and video calls – BFM numbers + 996 550 700 522; +996 770 700 522);
- b. Social media (Facebook – Official account of “Community Development and Investment Agency”);
- c. ARIS web-site: www.aris.kg;
- d. Verbal or written appeals received during work meetings of facilitators, curators and/or CDSO on-site;
- e. Incoming correspondence delivered to ARIS reception; incoming correspondence to the e-mail

bfm@aris.kg.

Location of the building



BUILDING PHOTOS



Social impact evaluation checklist

SOCIAL RISK AND IMPACT ASSESSMENT CHECK LIST

Name Capital repair of the rehabilitation center
 Oblast Issyk-Kul
 Rayon Ak-Suu raion
 Ayil Aymak Boz-Uchuk AA
 Village Novovoznesenovka

Probable Social Impacts	Yes	No	Provide details/Numbers, if possible
1. Will the intervention include new physical construction work?		x	
2. Does the intervention include upgrading or rehabilitation of existing facilities?	x		
3. Is the intervention likely to cause any permanent damage to or loss of housing, other assets, resource use?		x	
4. Is the site chosen for this work free from encumbrances and is in possession of the Public/government/community land?	x		
5. Is this sub project intervention requiring private land acquisitions?		x	
6. If the site is privately owned, can this land be purchased through negotiated settlement? (Willing Buyer – Willing Seller)			Not applicable
7. If the land parcel has to be acquired, is the actual plot size and ownership status known?			Not applicable
8. Are the subproject cause any access restriction to the commuters/pedestrians/ business and trades?		x	
9. Is land for material mobilization or transport for the civil work available within the existing plot/ Right of Way?	x		
10. Are there any non-titled people who are living/doing business on the proposed site/project locations that use for civil work?		x	
11. Is any temporary impact likely?		x	
12. Is there any possibility to move out, close of business/commercial/livelihood activities of persons during constructions?			Not applicable
13. Is there any temporary or permanent physical displacement of persons due to constructions?		x	
14. Does this project involve resettlement of any persons? If yes, give details.		x	
15. Will there be loss of /damage to agricultural lands, standing crops, trees?		x	
16. Will there be loss of incomes and livelihoods for anyone due to project intervention?		x	

17. Will people permanently or temporarily lose access to facilities, services, or natural resources?		x	
18. Will project cause loss of employments/jobs		x	
19. Will project generate excessive labor influx as a result of new constructions		x	
20. Does construction activities require additional/skilled labor from outside the locality		x	
21. Will subproject/construction activities cause destruction/disturbance to host community living		x	
22. Will construction of new buildings, drainage lines, powerlines create any degradation/disturbances for public buildings/resources/ adjacent houses, wells, lands, Burial places, children parks, schools etc		x	
23. Will this intervention generate downsize in current labor force(retrenchments) of the agency		x	
24. Does intervention may cause unintended consequences such as accidents/ damages to adjacent buildings		x	
25. Are any vulnerable groups who may affect adversely (including indigenous people) due to the project intervention?		x	